# CHAPTER 85

## ELECTRICAL MACHINERY AND EQUIPMENT AND PARTS THEREOF; SOUND RECORDERS AND REPRODUCERS, TELEVISION IMAGE AND SOUND RECORDERS AND REPRODUCERS, AND PARTS AND ACCESSORIES OF SUCH ARTICLES



Notes

1. This chapter does not cover:

   (a) Electrically warmed blankets, bed pads, foot-muffs or the like; electrically warmed clothing, footwear or ear pads or other electrically warmed articles worn on or about the person;

   (b) Articles of glass of heading 7011;

   (c) Machines and apparatus of heading 8486;

   (d) Vacuum apparatus of a kind used in medical, surgical, dental or veterinary sciences (heading 9018); or

   (e) Electrically heated furniture of chapter 94.

2. Headings 8501 to 8504 do not apply to goods described in heading 8511, 8512, 8540, 8541 or 8542.

   However, metal tank mercury arc rectifiers remain classified in heading 8504.

3. For the purposes of heading 8507, the expression "electric accumulators" includes those presented with ancillary components which contribute to the accumulator's function of storing and supplying energy or protect it from damage, such as electrical connectors, temperature control devices (for example, thermistors) and circuit protection devices. They may also include a portion of the protective housing of the goods in which they are to be used.

4. Heading 8509 covers only the following electromechanical machines of the kind commonly used for domestic purposes:

   (a) Floor polishers, food grinders and mixers, and fruit or vegetable juice extractors, of any weight;

   (b) Other machines provided the weight of such machines does not exceed 20 kg, exclusive of extra interchangeable parts or detachable auxiliary devices.

   The heading does not, however, apply to fans or ventilating or recycling hoods incorporating a fan, whether or not fitted with filters (heading 8414), centrifugal clothes dryers (heading 8421), dishwashing machines (heading 8422), household washing machines (heading 8450), roller or other ironing machines (heading 8420 or 8451), sewing machines (heading 8452), electric scissors (heading 8467) or to electrothermic appliances (heading 8516).

5. For the purposes of heading 8523 :

   (a) "Solid-state non-volatile storage devices "(for example,"flash memory cards" or "flash electronic storage cards") are storage devices with a connecting socket, comprising in the same housing one or more flash memories (for example, "FLASH $E^2$PROM") in the form of integrated circuits mounted on a printed circuit board. They may include a controller in the form of an integrated circuit and discrete passive components, such as capacitors and resistors;

   (b) The term "smart cards" means cards which have embedded in them one or more electronic integrated circuits (a microprocessor, random access memory (RAM) or read-only memory (ROM)) in the form of chips. These cards may contain contacts, a magnetic stripe or an embedded antenna but do not contain any other active or passive circuit elements.

6. For the purposes of heading 8534 "printed circuits" are circuits obtained by forming on an insulating base, by any printing process (for example, embossing, plating-up, etching) or by the "film circuit" technique, conductor elements, contacts or other printed components (for example, inductances, resistors, capacitors) alone or interconnected according to a pre-established pattern, other than elements which can produce, rectify, modulate or amplify an electrical signal (for example, semiconductor elements).

   The term "printed circuits" does not cover circuits combined with elements other than those obtained during the printing process, nor does it cover individual, discrete resistors, capacitors or inductances. Printed circuits may, however, be fitted with non-printed connecting elements.

   Thin- or thick-film circuits comprising passive and active elements obtained during the same technological process are to be classified in heading 8542.

Notes (con.)

7. For the purpose of heading 8536, "connectors for optical fibres, optical fibre bundles or cables" means connectors that simply mechanically align optical fibres end to end in a digital line system. They perform no other function, such as the amplification, regeneration or modification of a signal.

8. Heading 8537 does not include cordless infrared devices for the remote control of television receivers or other electrical equipment (heading 8543).

9. For the purposes of headings 8541 and 8542:

(a) "Diodes, transistors and similar semiconductor devices" are semiconductor devices the operation of which depends on variations in resistivity on the application of an electric field;

(b) "Electronic integrated circuits" are:

(i) Monolithic integrated circuits in which the circuit elements (diodes, transistors, resistors, capacitors, inductances, etc.) are created in the mass (essentially) and on the surface of a semiconductor or compound semiconductor material (for example, doped silicon, gallium arsenide, silicon germanium, iridium phosphide) and are inseparably associated;

(ii) Hybrid integrated circuits in which passive elements (resistors, capacitors, inductances, etc.), obtained by thin- or thick-film technology, and active elements (diodes, transistors, monolithic integrated circuits, etc.), obtained by semiconductor technology, are combined to all intents and purposes indivisibly, by interconnections or interconnecting cables, on a single insulating substrate (glass, ceramic, etc.). These circuits may also include discrete components;

(iii) Multichip integrated circuits consisting of two or more interconnected monolithic integrated circuits combined to all intents and purposes indivisibly, whether or not on one or more insulating substrates, with or without leadframes, but with no other active or passive circuit elements.

(iv) Multi-component integrated circuits (MCOs): a combination of one or more monolithic, hybrid, or multi-chip integrated circuits with at least one of the following components: silicon-based sensors, actuators, oscillators, resonators or combinations thereof, or components performing the functions of articles classifiable under heading 8532, 8533, 8541, or inductors classifiable under heading 8504, formed to all intents and purposes indivisibly into a single body like an integrated circuit, as a component of a kind used for assembly onto a printed circuit board (PCB) or other carrier, through the connecting of pins, leads, balls, lands, bumps, or pads.

For the purpose of this definition:

1. “Components” may be discrete, manufactured independently then assembled onto the rest of the MCO, or integrated into other components.

2. “Silicon-based” means built on a silicon substrate, or made of silicon materials, or manufactured onto integrated circuit die.

3. (a) “Silicon-based sensors” consist of microelectronic or mechanical structures that are created in the mass or on the surface of a semiconductor and that have the function of detecting physical or chemical quantities and transducing these into electric signals, caused by resulting variations in electric properties or displacement of a mechanical structure. “Physical or chemical quantities” relates to real world phenomena, such as pressure, acoustic waves, acceleration, vibration, movement, orientation, strain, magnetic field strength, electric field strength, light, radioactivity, humidity, flow, chemicals concentration, etc.

(b) “Silicon-based actuators” consist of microelectronic and mechanical structures that are created in the mass or on the surface of a semiconductor and that have the function of converting electrical signals into physical movement.

(c) “Silicon-based resonators” are components that consist of microelectronic or mechanical structures that are created in the mass or on the surface of a semiconductor and have the function of generating a mechanical or electrical oscillation of a predefined frequency that depends on the physical geometry of these structures in response to an external input.

(d) “Silicon-based oscillators” are active components that consist of microelectronic or mechanical structures that are created in the mass or on the surface of a semiconductor and that have the function of generating a mechanical or electrical oscillation of a predefined frequency that depends on the physical geometry of these structures.

For the classification of the articles defined in this note, headings 8541 and 8542 shall take precedence over any other heading in the Nomenclature, except in the case of heading 8523, which might cover them by reference to, in particular, their function.

Notes (con.)

10. For the purposes of heading 8548, "spent primary cells, spent primary batteries and spent electric storage batteries" are those which are neither usable as such because of breakage, cutting up, wear or other reasons, nor capable of being recharged.

Subheading Note

1. Subheading 8527.12 covers only cassette players with built-in amplifier, without built-in loudspeaker, capable of operating without an external source of electric power and the dimensions of which do not exceed 170 mm x 100 mm x 45 mm.

Additional U.S. Notes

1. For the purposes of headings 8501 and 8503, 746 watts (W) is taken to be equivalent to 1 horsepower (hp).

2. For the purposes of subheading 8516.72, the term "toasters" includes toaster-ovens which are designed essentially for toasting bread but can also bake small items, such as potatoes.

3. For the purposes of headings 8517 and 8525 the term "transceivers" refers to combinations of radio transmitting and receiving equipment in a common housing, employing common circuit components for both transmitting and receiving, and which are not capable of simultaneously receiving and transmitting.

4. For the purposes of 8529.90.05, 8529.90.06, 8529.90.33, 8529.90.36, 8529.90.43, 8529.90.46, 8529.90.88 and 8529.90.89:

   (a) Each subassembly that contains as a component, or is covered in the same entry with, one or more of the following television components, viz.,

   tuner, channel selector assembly, antenna, deflection yoke, degaussing coil, picture tube mounting bracket, grounding assembly, parts necessary for fixing the picture tube or tuner in place, consumer-operated controls or speaker,

   shall be classified in subheading 8529.90.05, 8529.90.33, 8529.90.43 or 8529.90.88, as appropriate; and

   (b) Each subassembly shall be counted as a single unit, except that two or more different printed circuit boards or ceramic substrates covered by the same entry and designed for assembly into the same television models shall be counted as one unit.

5. Picture tubes imported in combination with, or incorporated into, other articles are to be classified in subheadings 8540.11 through 8540.12, inclusive, unless they are--

   (a) incorporated into complete television receivers, as defined in additional U.S. note 6 below;

   (b) incorporated into fully assembled units such as word processors, ADP terminals, or similar articles;

   (c) put up in kits containing all the parts necessary for assembly into complete television receivers, as defined in additional U.S. note 6 below; or

   (d) put up in kits containing all the parts necessary for assembly into fully assembled units such as word processors, ADP terminals, or similar articles.

6. For the purposes of additional U.S. note 5 above the term "complete television receivers" means television receivers, fully assembled in their cabinets, whether or not packaged or tested for distribution to the ultimate purchaser(s).

7. For the purposes of this chapter, references to "high definition" as it applies to television receivers and cathode-ray tubes refer to articles having:

   (a) a screen aspect ratio equal to or greater than 16:9; and

   (b) a viewing screen capable of displaying more than 700 scanning lines.

8. For the purposes of this chapter, the video display diagonal is determined by measuring the maximum straight line dimension across the visible portion of the faceplate used for displaying video.

9. Subheadings 8529.90.29, 8529.90.33, 8529.90.36 and 8529.90.39 cover the following parts of television receivers (including video monitors and video projectors):

   (a) Video intermediate (IF) amplifying and detecting systems;

   (b) Video processing and amplification systems;

Additional U.S. Notes (con.)

(c) Synchronizing and deflection circuitry;

(d) Tuners and tuner control systems; and

(e) Audio detection and amplification systems.

10. For the purposes of subheading 8540.91.15, the term "front panel assembly" refers to:

(a) with respect to a color cathode-ray television picture tube, an assembly which consists of a glass panel and a shadow mask or aperture grille, attached for ultimate use, which is suitable for incorporation into a color cathode-ray television picture tube (including video monitor cathode-ray tube), and which has undergone the necessary chemical and physical processes for imprinting phosphors on the glass panel with sufficient precision to render a video image when excited by a stream of electrons; or

(b) with respect to a monochrome cathode-ray picture tube, an assembly which consists of either a glass panel or a glass envelope, which is suitable for incorporation into a monochrome cathode-ray television picture tube (including video monitor or video projector cathode-rate tube), and which has undergone the necessary chemical and physical processes for imprinting phosphors on the glass panel or glass envelope with sufficient precision to render a video image when excited by a stream of electrons.

11. For the purposes of subheading 8538.90.10, the expression "articles described in additional U.S. note 11 to chapter 85" means any of the following goods: photocopying apparatus of subheading 8443.32.30, 8443.32.50, 8443.39.20 or 8443.39.40; word processing machines of heading 8469; articles of heading 8470 or heading 8471; automatic teller machines of subheading 8472.90.10; articles of subheadings 8486.10 through 8486.40; articles of heading 8517; articles of subheading 8519.50; transmission apparatus of subheading 8525.50.10; articles of subheading 8525.60; digital still image cameras of subheading 8525.80.40; articles of subheading 8543.70.93; plotters of subheading 9017.10.40 or 9017.20.70; instruments and apparatus of heading 9026; instruments and apparatus of heading 9027 except of subheading 9027.10 or 9027.90.20; instruments and apparatus of subheading 9030.40; instruments and apparatus of subheading 9030.82; optical instruments and appliances of subheading 9031.41; optical instruments and appliances of subheading 9031.49.70; articles of subheading 9031.80.40.

12. For the purposes of subheading 8517.69.00, the term "paging receivers" includes paging alert devices designed merely to emit a sound or visual signal (e.g., flashing light) upon the reception of a pre-set radio signal.

Statistical Notes

1. For the purposes of this chapter the terms "AM" and "FM" refer to the entertainment broadcast bands of 550-1650 kHz and 88-108MHz, respectively.

2. For statistical reporting purposes under subheading 8539.10, the size of a sealed beam lamp unit is determined by measuring the largest diagonal dimension across the faceplate.

3. For statistical reporting purposes under subheading 8544.70, the unit of quantity "fiber m", as it pertains to optical fiber cables, is determined by multiplying the number of individual fibers contained therein by the length in meters.

4. For statistical reporting purposes in heading 8542 the following definitions will apply:

(a) The term "static read-write random access (SRAM)" refers to integrated circuit memory devices in which the memory cells may be addressed in any sequence, randomly, for the storage or retrieval of data and in which in which the stored information is retained without further intervention as long as electric power is supplied to the device.

(b) The term "volatile memory" refers to integrated circuit memory devices which lose all stored information in the absence of electric power.

(c) The term "dynamic read-write random access (DRAM)" refers to integrated circuit memory devices in which the memory cells may be addressed in any sequence, randomly, for the storage or retrieval of data and in which the stored information must continually be refreshed in order to hold the information in memory.

(d) The term "electrically erasable programmable read-only memory (EEPROM)" refers to user programmable integrated circuit memory devices which retain the stored information in the absence of electric power and in which the stored information may be altered electrically.

(e) The term "erasable (except electrically) programmable read-only memory (EPROM)" refers to user programmable integrated circuit memory devices which retain the stored information in the absence of electric power and from which the stored information may be removed (except electrically). Such devices are usually erased by exposure to ultraviolet light after which they may be rewritten with new information.

Statistical Notes (con.)

(f) The term "microprocessor" refers to a central processing unit (CPU) fabricated as a monolithic integrated circuit.

(g) The term "kilobit" refers to 1,024 bits of data storage capacity, the term "megabit" refers to 1,024 kilobits of data storage capacity, and the term "gigabit" refers to 1,024 megabits of data storage capacity.

5. For statistical reporting purposes under subheading 8532.22, the diameter of aluminum electrolytic capacitors not having a circular cross-section shall be the maximum dimension measured through the center.

6. For the purposes of statistical reporting number 8544.42.9010, "Extension cords" is defined as a flexible cord assembly incorporating an electrical plug conforming to types 1-15P, 5-15P or 5-20P of the National Electrical Manufacturers Association (NEMA) and one or more receptacles conforming to NEMA type 1-15R, 5-15R or 5-20R.

7. For the purposes of statistical reporting numbers 8543.70.9930, 8543.70.9940, 8543.90.8850, and 8543.90.8860, the term "personal electric or electronic vaporizing devices" are devices that electrically heat or atomize liquids or other substances, whether or not containing nicotine, producing a vapor to be inhaled through the mouthpiece. These devices are commonly known as electronic cigarettes, "e-cigarettes", "e-hookahs", "e-pipes", vaporizers or "vaping" systems." A unit consists of all the parts necessary to vaporize, either assembled or in a kit or set, including battery, tank, and atomizer.

8. For statistical reporting purposes under subheading 8539.50.00, the types of light-emitting (LED) lamps are defined by American National Standards Institute for Electric Lamps as follows:

(a) ANSI shapes A, BT, P, PS or T described under 8539.50.0010;

(b) ANSI shapes B, BA, C, CA, DC, F, G or ST described under 8539.50.0020;

(c) ANSI shapes R, BR or PAR described under 8539.50.0030; or

(d) ANSI shapes MR11, MR16 or MRX16 described under 8539.50.0040.

9. For the purposes of heading 8501, photovoltaic generators consist of panels of photocells combined with other apparatus, e.g., storage batteries and electronic controls (voltage regulator, inverter, etc.) and panels or modules equipped with elements, however simple (for example, diodes to control the direction of the current), which supply the power directly to, for example, a motor, an electrolyser. In these devices, electricity is produced by means of solar cells which convert solar energy directly into electricity (photovoltaic conversion).

10. For the purposes of statistical reporting numbers 8501.31.8010, 8501.32.6010, 8501.61.0010, 8507.20.8010, 8541.40.6015, 8541.40.6025, 8541.40.6035 and 8541.40.6045, importers should report the total watts at maximum power based on standard test conditions according to the latest revision of International Electrotechnical Commission (IEC) 60904, "Photovoltaic Devices."

11. For the purposes of statistical reporting numbers 8541.40.6015 and 8541.40.6025, the term "crystalline silicon photovoltaic cells" means crystalline silicon photovoltaic cells of a thickness equal to or greater than 20 micrometers, having a p/n junction (or variant thereof) formed by any means, whether or not the cell imported under statistical reporting number 8541.40.6025 (or subassemblies thereof imported under statistical reporting number 8541.40.6015) has undergone other processing, including, but not limited to, cleaning, etching, coating, and/or addition of materials (including, but not limited to, metallization and conductor patterns) to collect and forward the electricity that is generated by the cell. Such cells include photovoltaic cells thatcontain crystalline silicon in addition to other photovoltaic materials. This includes, but is not limited to, passivated emitter rear contact cells, heterojunction with intrinsic thin-layer cells, and other so-called hybrid cells.

| Heading/ Subheading | Stat. Suf-fix | Article Description | Unit of Quantity | Rates of Duty 1 General | Rates of Duty 1 Special | Rates of Duty 2 |
|---|---|---|---|---|---|---|
| 8501 | | Electric motors and generators (excluding generating sets): | | | | |
| 8501.10 | | Motors of an output not exceeding 37.5 W: | | | | |
| | | Of under 18.65 W: | | | | |
| 8501.10.20 | 00 | Synchronous, valued not over $4 each[1/] | No. | 6.7%[2/] | Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 90% |
| 8501.10.40 | | Other | | 4.4%[3/] | Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| | 20 | AC[4/] | No. | | | |
| | | DC: | | | | |
| | 40 | Brushless[5/] | No. | | | |
| | 60 | Other[6/] | No. | | | |
| | 80 | Other | No. | | | |
| 8501.10.60 | | Of 18.65 W or more but not exceeding 37.5 W | | 2.8%[7/] | Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| | 20 | AC[8/] | No. | | | |
| | | DC: | | | | |
| | 40 | Brushless[9/] | No. | | | |
| | 60 | Other[1/] | No. | | | |
| | 80 | Other[8/] | No. | | | |
| 8501.20 | | Universal AC/DC motors of an output exceeding 37.5 W: | | | | |
| 8501.20.20 | 00 | Exceeding 37.5 W but not exceeding 74.6 W[5/] | No. | 3.3%[3/] | Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| 8501.20.40 | 00 | Exceeding 74.6 W but not exceeding 735 W[1/] | No. | 4%[2/] | Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| 8501.20.50 | 00 | Exceeding 735 W but under 746 W | No. | 3.3%[3/] | Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| 8501.20.60 | 00 | Other[5/] | No. | 2.4%[3/] | Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |

| Heading/ Subheading | Stat. Suf- fix | Article Description | Unit of Quantity | Rates of Duty 1 General | Rates of Duty 1 Special | Rates of Duty 2 |
|---|---|---|---|---|---|---|
| 8501 (con.) | | Electric motors and generators (excluding generating sets): (con.) | | | | |
| | | Other DC motors; DC generators: | | | | |
| 8501.31 | | Of an output not exceeding 750 W: | | | | |
| | | Motors: | | | | |
| 8501.31.20 | 00 | Exceeding 37.5 W but not exceeding 74.6 W[10/] | No | 2.8%[3/] | Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| 8501.31.40 | 00 | Exceeding 74.6 W but not exceeding 735 W[1/] | No | 4%[11/] | Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| 8501.31.50 | 00 | Exceeding 735 W but under 746 W[12/] | No | 3.3%[3/] | Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| 8501.31.60 | 00 | Other[13/] | No | 2.4%[3/] | Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| 8501.31.80 | | Generators | | 2.5%[14/] | Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| | 10 | Photovoltaic generators of a kind described in statistical note 9 to this chapter[8/] | No. W | | | |
| | 90 | Other | No. | | | |
| 8501.32 | | Of an output exceeding 750 W but not exceeding 75 kW: | | | | |
| | | Motors: | | | | |
| 8501.32.20 | 00 | Exceeding 750 W but not exceeding 14.92 kW[9/] | No | 2.9%[2/] | Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| | | Other: | | | | |
| 8501.32.45 | 00 | Electric motors of a kind used as the primary source of mechanical power for electrically powered vehicles of subheadings 8703.40, 8703.50, 8703.60, 8703.70 or 8703.80 | No | Free[3/] | | 35% |
| 8501.32.55 | | Other | | Free[3/] | | 35% |
| | 20 | For use in civil aircraft[15/] | No. | | | |
| | 40 | Other | No. | | | |
| 8501.32.60 | | Generators | | 2%[14/] | Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |

| Heading/ Subheading | Stat. Suf- fix | Article Description | Unit of Quantity | Rates of Duty 1 General | Rates of Duty 1 Special | Rates of Duty 2 |
|---|---|---|---|---|---|---|
| 8501 (con.) | | Electric motors and generators (excluding generating sets): (con.) | | | | |
| | | Other DC motors; DC generators: (con.) | | | | |
| 8501.32 (con.) | | Of an output exceeding 750 W but not exceeding 75 kW: (con.) | | | | |
| 8501.32.60 (con.) | | Generators (con.) | | | | |
| | 10 | Photovoltaic generators of a kind described in statistical note 9 to this chapter..... | No. W | | | |
| | 90 | Other..... | No. | | | |

| Heading/ Subheading | Stat. Suf-fix | Article Description | Unit of Quantity | Rates of Duty 1 General | Rates of Duty 1 Special | Rates of Duty 2 |
|---|---|---|---|---|---|---|
| 8501 (con.) | | Electric motors and generators (excluding generating sets): (con.) | | | | |
| | | Other DC motors; DC generators: (con.) | | | | |
| 8501.33 | | Of an output exceeding 75 kW but not exceeding 375 kW: | | | | |
| | | Motors: | | | | |
| 8501.33.20 | | Exceeding 75 kW but under 149.2 kW | | Free[2/] | | 35% |
| | 40 | For use in civil aircraft[15/] | No. | | | |
| | 80 | Other | No. | | | |
| 8501.33.30 | 00 | 149.2 kW or more but not exceeding 150 kW | No. | 2.8%[2/] | Free (A, AU, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| 8501.33.40 | | Other | | 2.8%[3/] | Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| | 40 | Not exceeding 373 kW | No. | | | |
| | 60 | Other | No. | | | |
| 8501.33.60 | 00 | Generators | No. | 2.5%[3/] | Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| 8501.34 | | Of an output exceeding 375 kW: | | | | |
| 8501.34.30 | 00 | Motors | No. | 2.8%[3/] | Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| 8501.34.60 | 00 | Generators | No. | 2%[3/] | Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| 8501.40 | | Other AC motors, single-phase: | | | | |
| 8501.40.20 | | Of an output exceeding 37.5 W but not exceeding 74.6 W | | 3.3%[16/] | Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| | 20 | Gear motors | No. | | | |
| | 40 | Other | No. | | | |
| 8501.40.40 | | Of an output exceeding 74.6 W but not exceeding 735 W | | 4%[17/] | Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| | 20 | Gear motors | No. | | | |
| | 40 | Other | No. | | | |
| 8501.40.50 | | Of an output exceeding 735 W but under 746 W | | 3.3%[18/] | Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| | 20 | Gear motors | No. | | | |
| | 40 | Other | No. | | | |

| Heading/ Subheading | Stat. Suf- fix | Article Description | Unit of Quantity | Rates of Duty 1 General | Rates of Duty 1 Special | Rates of Duty 2 |
|---|---|---|---|---|---|---|
| 8501 (con.) | | Electric motors and generators (excluding generating sets): (con.) | | | | |
| 8501.40 (con.) | | Other AC motors, single-phase: (con.) | | | | |
| 8501.40.60 | | Other | | 3.7%[18/] | Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| | 20 | Gear motors | No. | | | |
| | 40 | Other | No. | | | |

| Heading/ Subheading | Stat. Suf-fix | Article Description | Unit of Quantity | Rates of Duty 1 General | Rates of Duty 1 Special | Rates of Duty 2 |
|---|---|---|---|---|---|---|
| 8501 (con.) | | Electric motors and generators (excluding generating sets): (con.) | | | | |
| | | Other AC motors, multi-phase: | | | | |
| 8501.51 | | Of an output not exceeding 750 W: | | | | |
| 8501.51.20 | | Exceeding 37.5 W but not exceeding 74.6 W | | 2.5%[3/] | Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, JP, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| | 20 | Gear motors | No. | | | |
| | 40 | Other[5/] | No. | | | |
| 8501.51.40 | | Exceeding 74.6 W but not exceeding 735 W | | 2.5%[3/] | Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, JP, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| | 20 | Gear motors | No. | | | |
| | 40 | Other[13/] | No. | | | |
| 8501.51.50 | | Exceeding 735 W but under 746 W | | 3.3%[3/] | Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) 0.3% (JP) | 35% |
| | 20 | Gear motors | No. | | | |
| | 40 | Other | No. | | | |
| 8501.51.60 | | Other | | 2.5%[3/] | Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, JP, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| | 20 | Gear motors | No. | | | |
| | 40 | Other | No. | | | |
| 8501.52 | | Of an output exceeding 750 W but not exceeding 75 kW: | | | | |
| 8501.52.40 | 00 | Exceeding 750 W but not exceeding 14.92 kW[19/] | No | 3.7%[20/] | Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| 8501.52.80 | | Other | | Free[3/] | | 35% |
| | 20 | For use in civil aircraft[15/] | No. | | | |
| | 40 | Other[21/] | No. | | | |
| 8501.53 | | Of an output exceeding 75 kW: | | | | |
| 8501.53.40 | | Exceeding 75 kW but under 149.2 kW | | Free[3/] | | 35% |
| | 40 | For use in civil aircraft[15/] | No. | | | |
| | 80 | Other[22/] | No. | | | |
| 8501.53.60 | 00 | 149.2 kW or more but not exceeding 150 kW | No | 4.2%[23/] | Free (A, AU, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| 8501.53.80 | | Other | | 2.8%[3/] | Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| | 40 | Not exceeding 373 kW[24/] | No. | | | |

| Heading/ Subheading | Stat. Suf- fix | Article Description | Unit of Quantity | Rates of Duty 1 General | Rates of Duty 1 Special | Rates of Duty 2 |
|---|---|---|---|---|---|---|
| 8501 (con.) | | Electric motors and generators (excluding generating sets): (con.) | | | | |
| | | Other AC motors, multi-phase: (con.) | | | | |
| 8501.53 (con.) | | Of an output exceeding 75 kW: (con.) | | | | |
| 8501.53.80 (con.) | | Other (con.) | | | | |
| | 60 | Other[25/] | No. | | | |

| Heading/ Subheading | Stat. Suf-fix | Article Description | Unit of Quantity | Rates of Duty 1 General | Rates of Duty 1 Special | Rates of Duty 2 |
|---|---|---|---|---|---|---|
| 8501 (con.) | | Electric motors and generators (excluding generating sets): (con.) | | | | |
| | | AC generators (alternators): | | | | |
| 8501.61.00 | | Of an output not exceeding 75 kVA | ..... | 2.5%[26/] | Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| | 10 | Photovoltaic generators of a kind described in statistical note 9 to this chapter | No. W | | | |
| | 90 | Other | No. | | | |
| 8501.62.00 | 00 | Of an output exceeding 75 kVA but not exceeding 375 kVA[27/] | No. | 2.5%[3/] | Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, JP, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| 8501.63.00 | 00 | Of an output exceeding 375 kVA but not exceeding 750 kVA[5/] | No. | 2.5%[3/] | Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| 8501.64.00 | | Of an output exceeding 750 kVA | ..... | 2.4%[3/] | Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, JP, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| | | Exceeding 750 kVA but not exceeding 10,000 kVA: | | | | |
| | 21 | For wind-powered generating sets classified within 8502.31.00 | No. | | | |
| | 25 | Other[5/] | No. | | | |
| | 30 | Exceeding 10,000 kVA but not exceeding 40,000 kVA | No. | | | |
| | 50 | Other | No. | | | |

| Heading/ Subheading | Stat. Suf-fix | Article Description | Unit of Quantity | Rates of Duty 1 General | Rates of Duty 1 Special | Rates of Duty 2 |
|---|---|---|---|---|---|---|
| 8502 | | Electric generating sets and rotary converters: | | | | |
| | | Generating sets with compression-ignition internal combustion piston engines (diesel or semi-diesel engines): | | | | |
| 8502.11.00 | 00 | Of an output not exceeding 75 kVA[5/] | No | 2.5%[3/] | Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, JP, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| 8502.12.00 | 00 | Of an output exceeding 75 kVA but not exceeding 375 kVA | No | 2.5%[3/] | Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, JP, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| 8502.13.00 | | Of an output exceeding 375 kVA | | 2%[3/] | Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| | 20 | Exceeding 375 kVA but not exceeding 1,000 kVA | No. | | | |
| | 40 | Exceeding 1,000 kVA | No. | | | |
| 8502.20.00 | | Generating sets with spark-ignition internal combustion piston engines | | 2%[28/] | Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, JP, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| | 30 | Of an output not exceeding 1.875 kVA | No. | | | |
| | 60 | Of an output exceeding 1.875 kVA but not exceeding 6.25 kVA | No. | | | |
| | 70 | Of an output exceeding 6.25 kVA but not exceeding 75 kVA | No. | | | |
| | 85 | Of an output exceeding 75 kVA | No. | | | |
| | | Other generating sets: | | | | |
| 8502.31.00 | 00 | Wind-powered | No | 2.5%[3/] | Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| 8502.39.00 | | Other | | 2.5%[3/] | Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, JP, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| | 40 | Powered by steam turbine | No. | | | |
| | 80 | Other | No. | | | |
| 8502.40.00 | 00 | Electric rotary converters | No | 3%[3/] | Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |

| Heading/ Subheading | Stat. Suf-fix | Article Description | Unit of Quantity | Rates of Duty 1 General | Rates of Duty 1 Special | Rates of Duty 2 |
|---|---|---|---|---|---|---|
| 8503.00 | | Parts suitable for use solely or principally with the machines of heading 8501 or 8502: | | | | |
| 8503.00.20 | 00 | Commutators | No | 2.4%[3/] | Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| | | Stators and rotors for the goods of heading 8501: | | | | |
| 8503.00.35 | 00 | For motors of under 18.65 W | No | 6.5%[3/] | Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 90% |
| 8503.00.45 | 00 | For generators suitable for use on aircraft | No | Free[3/] | | 35% |
| 8503.00.65 | 00 | Other[5/] | No | 3%[3/] | Free (A*, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| | | Other: | | | | |
| 8503.00.75 | 00 | For motors of under 18.65 W | No | 6.5%[3/] | Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 90% |
| 8503.00.90 | 00 | For generators suitable for use on aircraft | No | Free[3/] | | 35% |
| 8503.00.95 | | Other | | 3%[29/] | Free (A*, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| | 20 | Parts of motors[19/] | kg | | | |
| | | Parts of generators: | | | | |
| | 46 | For AC generators (alternators) classified within subheading 8501.64.0021 | kg | | | |
| | 50 | Other[30/] | kg | | | |
| | | Other: | | | | |
| | 70 | Parts of wind-powered generating sets classified in subheading 8502.31 | kg | | | |
| | 80 | Other | kg | | | |

| Heading/ Subheading | Stat. Suf-fix | Article Description | Unit of Quantity | Rates of Duty 1 General | Rates of Duty 1 Special | Rates of Duty 2 |
|---|---|---|---|---|---|---|
| 8504 | | Electrical transformers, static converters (for example, rectifiers) and inductors; parts thereof: | | | | |
| 8504.10.00 | 00 | Ballasts for discharge lamps or tubes | No | 3%[31/] | Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| | | Liquid dielectric transformers: | | | | |
| 8504.21.00 | | Having a power handling capacity not exceeding 650 kVA | | Free[3/] | | 35% |
| | 20 | Having a power handling capacity not exceeding 50 kVA | No. | | | |
| | 40 | Having a power handling capacity exceeding 50 kVA but not exceeding 100 kVA | No. | | | |
| | 60 | Having a power handling capacity exceeding 100 kVA but not exceeding 500 kVA | No. | | | |
| | 80 | Having a power handling capacity exceeding 500 kVA but not exceeding 650 kVA | No. | | | |
| 8504.22.00 | | Having a power handling capacity exceeding 650 kVA but not exceeding 10,000 kVA | | Free[3/] | | 35% |
| | 40 | Having a power handling capacity exceeding 650 kVA but not exceeding 2,500 kVA | No. | | | |
| | 80 | Having a power handling capacity exceeding 2,500 kVA but not exceeding 10,000 kVA | No. | | | |
| 8504.23.00 | | Having a power handling capacity exceeding 10,000 kVA | | 1.6%[3/] | Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| | 41 | Having a power handling capacity exceeding 10,000 kVA but not exceeding 59,999 kVA | No. | | | |
| | 45 | Having a power handling capacity exceeding 59,999 kVA but not exceeding 100,000 kVA | No. | | | |
| | 80 | Having a power handling capacity exceeding 100,000 kVA | No. | | | |

| Heading/ Subheading | Stat. Suf-fix | Article Description | Unit of Quantity | Rates of Duty 1 General | Rates of Duty 1 Special | Rates of Duty 2 |
|---|---|---|---|---|---|---|
| 8504 (con.) | | Electrical transformers, static converters (for example, rectifiers) and inductors; parts thereof: (con.) | | | | |
| | | Other transformers: | | | | |
| 8504.31 | | Having a power handling capacity not exceeding 1 kVA: | | | | |
| 8504.31.20 | 00 | Unrated | No | Free[18/] | | 35% |
| | | Other: | | | | |
| 8504.31.40 | | Having a power handling capacity less than 1 kVA | | 6.6%[18/] | Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| | 35 | Having a power handling capacity less than 40 VA | No. | | | |
| | 65 | Having a power handling capacity 40 VA or greater | No. | | | |
| 8504.31.60 | 00 | Having a power handling capacity of 1 kVA | No | 1.6%[18/] | Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| 8504.32.00 | 00 | Having a power handling capacity exceeding 1 kVA but not exceeding 16 kVA[4/] | No | 2.4%[3/] | Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| 8504.33.00 | | Having a power handling capacity exceeding 16 kVA but not exceeding 500 kVA | | 1.6%[3/] | Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, JP, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| | 20 | Having a power handling capacity exceeding 16 kVA but not exceeding 50 kVA[32/] | No. | | | |
| | 40 | Having a power handling capacity exceeding 50 kVA but not exceeding 500 kVA | No. | | | |
| 8504.34.00 | 00 | Having a power handling capacity exceeding 500 kVA | No | 1.6%[3/] | Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, JP, KR, MA, MX, OM, P, PA, PE, SG) | 35% |

| Heading/ Subheading | Stat. Suf- fix | Article Description | Unit of Quantity | Rates of Duty 1 General | Rates of Duty 1 Special | Rates of Duty 2 |
|---|---|---|---|---|---|---|
| 8504 (con.) | | Electrical transformers, static converters (for example, rectifiers) and inductors; parts thereof: (con.) | | | | |
| 8504.40 | | Static converters: | | | | |
| 8504.40.40 | 00 | Speed drive controllers for electric motors[33/] | No. | Free[3/] | | 35% |
| | | Power supplies for automatic data processing machines or units thereof of heading 8471; power supplies for goods of subheading 8443.31 or 8443.32; power supplies for monitors of subheading 8528.42 or 8528.52 or projectors of subheading 8528.62: | | | | |
| 8504.40.60 | | Suitable for physical incorporation into automatic data processing machines or units thereof of heading 8471 | | Free[18/] | | 35% |
| | 01 | With a power output not exceeding 50 W | No. | | | |
| | 07 | With a power output exceeding 50 W but not exceeding 150 W | No. | | | |
| | 12 | With a power output exceeding 150 W but not exceeding 500 W | No. | | | |
| | 18 | Other[34/] | No. | | | |
| 8504.40.70 | | Other | | Free[18/] | | 35% |
| | 01 | With a power output not exceeding 50 W | No. | | | |
| | 07 | With a power output exceeding 50 W but not exceeding 150 W | No. | | | |
| | 12 | With a power output exceeding 150 W but not exceeding 500 W | No. | | | |
| | 18 | Other | No. | | | |
| 8504.40.85 | 00 | For telecommunication apparatus[35/] | No. | Free[18/] | | 35% |
| 8504.40.95 | | Other | | Free[36/] | | 35% |
| | | Rectifiers and rectifying apparatus: | | | | |
| | | Power supplies: | | | | |
| | 10 | With a power output not exceeding 50 W | No. | | | |
| | 20 | With a power output exceeding 50 W but not exceeding 150 W | No. | | | |
| | 30 | With a power output exceeding 150 W but not exceeding 500 W | No. | | | |
| | 40 | Other | No. | | | |
| | 50 | Other[37/] | No. | | | |
| | 70 | Inverters | No. | | | |
| | 80 | Other | No. | | | |
| 8504.50 | | Other inductors: | | | | |
| 8504.50.40 | 00 | For power supplies for automatic data processing machines or units thereof of heading 8471; power supplies for goods of subheading 8443.31 or 8443.32; power supplies for monitors of subheading 8528.42 or 8528.52 or projectors of subheading 8528.62; for telecommunication apparatus | No. | Free[18/] | | 35% |
| 8504.50.80 | 00 | Other | No. | Free[18/] | | 35% |

| Heading/ Subheading | Stat. Suf- fix | Article Description | Unit of Quantity | Rates of Duty 1 General | Rates of Duty 1 Special | Rates of Duty 2 |
|---|---|---|---|---|---|---|
| 8504 (con.) | | Electrical transformers, static converters (for example, rectifiers) and inductors; parts thereof: (con.) | | | | |
| 8504.90 | | Parts: | | | | |
| | | Of power supplies for automatic data processing machines or units thereof of heading 8471; of power supplies for goods of subheading 8443.31 or 8443.32; of power supplies for monitors of subheading 8528.42 or 8528.52 or projectors of subheading 8528.62: | | | | |
| 8504.90.20 | 00 | Printed circuit assemblies | No. | Free[18/] | | 35% |
| 8504.90.41 | 00 | Other | No. | Free[3/] | | 35% |
| | | Other: | | | | |
| | | Printed circuit assemblies: | | | | |
| 8504.90.65 | 00 | Of the goods of subheading 8504.40 or 8504.50 for telecommunication apparatus[24/] | No. | Free[3/] | | 35% |
| 8504.90.75 | 00 | Other[5/] | No. | Free[38/] | | 35% |
| 8504.90.96 | | Other: | | Free[3/] | | 35% |
| | | Ferrites: | | | | |
| | 10 | For transformers | No. | | | |
| | 30 | Other | No. | | | |
| | | Other parts: | | | | |
| | | Of transformers: | | | | |
| | 34 | Laminations for incorporation into stacked cores | No. | | | |
| | 38 | Stacked cores for incorporation into transformers | No. | | | |
| | 42 | Wound cores for incorporation into transformers | No. | | | |
| | 46 | Other[5/] | No. | | | |
| | 50 | Of static converters[32/] | No. | | | |
| | 90 | Other[39/] | No. | | | |

| Heading/ Subheading | Stat. Suf- fix | Article Description | Unit of Quantity | Rates of Duty 1 General | Rates of Duty 1 Special | Rates of Duty 2 |
|---|---|---|---|---|---|---|
| 8505 | | Electromagnets; permanent magnets and articles intended to become permanent magnets after magnetization; electromagnetic or permanent magnet chucks, clamps and similar holding devices; electromagnetic couplings, clutches and brakes; electromagnetic lifting heads; parts thereof: | | | | |
| | | Permanent magnets and articles intended to become permanent magnets after magnetization: | | | | |
| 8505.11.00 | | Of metal | | 2.1% | Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, JP, KR, MA, MX, OM, P, PA, PE, SG) | 45% |
| | 10 | Alnico | No. | | | |
| | 30 | Ceramic | No. | | | |
| | 50 | Sintered samarium-cobalt | No. | | | |
| | 70 | Sintered neodymium-iron-boron | No. | | | |
| | 90 | Other | No. | | | |
| 8505.19 | | Other: | | | | |
| 8505.19.10 | 00 | Flexible magnets | No | 4.9%[3/] | Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 45% |
| 8505.19.20 | 00 | Composite good containing flexible magnets | No | 4.9%[18/] | Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 45% |
| 8505.19.30 | 00 | Other | No | 4.9%[18/] | Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 45% |
| 8505.20.00 | 00 | Electromagnetic couplings, clutches and brakes | No | 3.1%[3/] | Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| 8505.90 | | Other, including parts: | | | | |
| 8505.90.30 | 00 | Electromagnetic lifting heads | No | Free[3/] | | 35% |
| 8505.90.40 | 00 | Work holders and parts thereof | kg | Free[3/] | | 30% |
| 8505.90.70 | 00 | Electromagnets of a kind used solely or principally for magnetic resonance imaging apparatus, other than apparatus of heading 9018 | No | Free[3/] | | 35% |
| 8505.90.75 | 01 | Other[40/] | kg | 1.3%[38/] | Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |

| Heading/ Subheading | Stat. Suf-fix | Article Description | Unit of Quantity | Rates of Duty 1 General | Rates of Duty 1 Special | Rates of Duty 2 |
|---|---|---|---|---|---|---|
| 8506 | | Primary cells and primary batteries; parts thereof: | | | | |
| 8506.10.00 | 00 | Manganese dioxide | No | 2.7%[18/] | Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| 8506.30 | | Mercuric oxide: | | | | |
| 8506.30.10 | 00 | Having an external volume not exceeding 300 $cm^3$ | No | 2.7%[18/] | Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| 8506.30.50 | 00 | Other | No | 2.7%[18/] | Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| 8506.40 | | Silver oxide: | | | | |
| 8506.40.10 | 00 | Having an external volume not exceeding 300 $cm^3$ | No | 2.7%[3/] | Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| 8506.40.50 | 00 | Other | No | 2.7%[3/] | Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| 8506.50.00 | 00 | Lithium[5/] | No | 2.7%[3/] | Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| 8506.60.00 | 00 | Air-zinc | No | 2.7%[3/] | Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| 8506.80.00 | 00 | Other primary cells and primary batteries | No | 2.7%[18/] | Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, JP, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| 8506.90.00 | 00 | Parts[25/] | kg | 2.7%[3/] | Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |

| Heading/ Subheading | Stat. Suf-fix | Article Description | Unit of Quantity | Rates of Duty 1 General | Rates of Duty 1 Special | Rates of Duty 2 |
|---|---|---|---|---|---|---|
| 8507 | | Electric storage batteries, including separators therefor, whether or not rectangular (including square); parts thereof: | | | | |
| 8507.10.00 | | Lead-acid storage batteries, of a kind used for starting piston engines | | 3.5%[18/] | Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 40% |
| | | 12 V batteries: | | | | |
| | 30 | Not exceeding 6 kg in weight | No. kg | | | |
| | 60 | Exceeding 6 kg in weight | No. kg | | | |
| | 90 | Other | No. kg | | | |
| 8507.20 | | Other lead-acid storage batteries: | | | | |
| 8507.20.40 | 00 | Of a kind used as the primary source of electrical power for electrically powered vehicles of subheadings 8703.40, 8703.50, 8703.60, 8703.70 or 8703.80[37/] | No kg | 3.5%[18/] | Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 40% |
| 8507.20.80 | | Other | | 3.5%[41/] | Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 40% |
| | 10 | Of a kind described in subheading 9903.45.25 | No. W | | | |
| | | Other: | | | | |
| | 31 | 6 V batteries | No. kg | | | |
| | 41 | 12 V batteries | No. kg | | | |
| | 61 | 36 V batteries | No. kg | | | |
| | 91 | Other | No. kg | | | |
| 8507.30 | | Nickel-cadmium storage batteries: | | | | |
| 8507.30.40 | 00 | Of a kind used as the primary source of electrical power for electrically powered vehicles of subheadings 8703.40, 8703.50, 8703.60, 8703.70 or 8703.80 | No | 2.5%[18/] | Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 40% |
| 8507.30.80 | | Other | | 2.5%[31/] | Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 40% |
| | 10 | Sealed | No. | | | |
| | 90 | Other | No. | | | |

| Heading/ Subheading | Stat. Suf-fix | Article Description | Unit of Quantity | Rates of Duty 1 General | Rates of Duty 1 Special | Rates of Duty 2 |
|---|---|---|---|---|---|---|
| 8507 (con.) | | Electric storage batteries, including separators therefor, whether or not rectangular (including square); parts thereof: (con.) | | | | |
| 8507.40 | | Nickel-iron storage batteries: | | | | |
| 8507.40.40 | 00 | Of a kind used as the primary source of electrical power for electrically powered vehicles of subheadings 8703.40, 8703.50, 8703.60, 8703.70 or 8703.80 | No | 3.4%[18/] | Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 40% |
| 8507.40.80 | 00 | Other | No | 3.4%[18/] | Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 40% |
| 8507.50.00 | 00 | Nickel-metal hydride batteries | No<br>kg | 3.4%[18/] | Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 40% |
| 8507.60.00 | | Lithium-ion batteries: | | 3.4%[42/] | Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 40% |
| | 10 | Of a kind used as the primary source of electrical power for electrically powered vehicles of subheadings 8703.40, 8703.50, 8703.60, 8703.70 or 8703.80 | No.<br>kg | | | |
| | 20 | Other | No.<br>kg | | | |
| 8507.80 | | Other storage batteries: | | | | |
| 8507.80.40 | 00 | Of a kind used as the primary source of electrical power for electrically powered vehicles of subheadings 8703.40, 8703.50, 8703.60, 8703.70 or 8703.80 | No | 3.4%[2/] | Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 40% |
| 8507.80.81 | 00 | Other: | No<br>kg | 3.4%[2/] | Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)<br>0.4% (JP) | 40% |
| 8507.90 | | Parts: | | | | |
| 8507.90.40 | 00 | Of lead-acid storage batteries | kg | 3.5%[31/] | Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 40% |
| 8507.90.80 | 00 | Other | kg | 3.4%[3/] | Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 40% |

| Heading/ Subheading | Stat. Suf- fix | Article Description | Unit of Quantity | Rates of Duty 1 General | Rates of Duty 1 Special | Rates of Duty 2 |
|---|---|---|---|---|---|---|
| 8508 | | Vacuum cleaners; parts thereof: | | | | |
| | | With self-contained electric motor: | | | | |
| 8508.11.00 | 00 | Of a power not exceeding 1,500 W and having a dust bag or other receptacle capacity not exceeding 20 l[43/] | No. | Free[18/] | | 35% |
| 8508.19.00 | 00 | Other | No. | Free[18/] | | 35% |
| 8508.60.00 | 00 | Other vacuum cleaners | No. | Free[18/] | | 35% |
| 8508.70.00 | 00 | Parts | kg | Free[18/] | | 35% |

| Heading/ Subheading | Stat. Suf-fix | Article Description | Unit of Quantity | Rates of Duty 1 General | Rates of Duty 1 Special | Rates of Duty 2 |
|---|---|---|---|---|---|---|
| 8509 | | Electromechanical domestic appliances, with self-contained electric motor, other than vacuum cleaners of heading 8508; parts thereof: | | | | |
| 8509.40.00 | | Food grinders, processors and mixers; fruit or vegetable juice extractors | | 4.2%[44/] | Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, MA, MX, OM, P, PA, PE, SG) 0.4% (KR) | 40% |
| | 15 | Blenders | No. | | | |
| | 25 | Other food mixers | No. | | | |
| | 30 | Juice extractors | No. | | | |
| | 40 | Food grinders and processors | No. | | | |
| 8509.80 | | Other appliances: | | | | |
| 8509.80.10 | 00 | Floor polishers | No | Free[45/] | | 35% |
| 8509.80.20 | 00 | Kitchen waste disposers (disposals) | No | Free[18/] | | 40% |
| 8509.80.50 | | Other: | | 4.2%[46/] | Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 40% |
| | 40 | Can openers (including combination units) | No. | | | |
| | 45 | Electric toothbrushes | No. | | | |
| | | Humidifiers: | | | | |
| | 50 | Evaporative | No. | | | |
| | | Other: | | | | |
| | 70 | Ultrasonic | No. | | | |
| | 80 | Other | No. | | | |
| | 95 | Other | No. | | | |
| 8509.90 | | Parts: | | | | |
| | | Parts of floor polishers: | | | | |
| 8509.90.25 | 00 | Housings | No | 3.4%[18/] | Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| 8509.90.35 | 00 | Other | kg | 3.4%[18/] | Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| | | Other: | | | | |
| 8509.90.45 | 00 | Housings | No | 4.2%[18/] | Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 40% |
| 8509.90.55 | 00 | Other | kg | 4.2%[47/] | Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 40% |

| Heading/ Subheading | Stat. Suf-fix | Article Description | Unit of Quantity | Rates of Duty 1 General | Rates of Duty 1 Special | Rates of Duty 2 |
|---|---|---|---|---|---|---|
| 8510 | | Shavers, hair clippers and hair-removing appliances, with self-contained electric motor; parts thereof: | | | | |
| 8510.10.00 | 00 | Shavers | No | Free[31/] | | 35% |
| 8510.20 | | Hair clippers: | | | | |
| 8510.20.10 | 00 | Hair clippers to be used for agricultural or horticultural purposes | No | 4%[18/] | Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 45% |
| 8510.20.90 | 00 | Other | No | 4%[18/] | Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 45% |
| 8510.30.00 | 00 | Hair-removing appliances | No | 4.2%[45/] | Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 40% |
| 8510.90 | | Parts: | | | | |
| | | Parts of shavers: | | | | |
| 8510.90.10 | 00 | Blades and cutting heads | No | Free[18/] | | 27.5% |
| 8510.90.20 | 00 | Other parts of shavers | kg | Free[18/] | | 35% |
| | | Parts of hair clippers: | | | | |
| 8510.90.30 | 01 | Parts of hair clippers to be used for agricultural or horticultural purposes | kg | 4%[18/] | Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 45% |
| 8510.90.40 | 00 | Other parts of hair clippers | kg | 4%[18/] | Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 45% |
| 8510.90.55 | 00 | Other | kg | 4.2%[18/] | Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 40% |

| Heading/ Subheading | Stat. Suf-fix | Article Description | Unit of Quantity | Rates of Duty 1 General | Rates of Duty 1 Special | Rates of Duty 2 |
|---|---|---|---|---|---|---|
| 8511 | | Electrical ignition or starting equipment of a kind used for spark-ignition or compression-ignition internal combustion engines (for example, ignition magnetos, magneto-dynamos, ignition coils, spark plugs and glow plugs, starter motors); generators (for example, dynamos, alternators) and cut-outs of a kind used in conjunction with such engines; parts thereof: | | | | |
| 8511.10.00 | 00 | Spark plugs | Hundreds | 2.5%[18/] | Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| 8511.20.00 | 00 | Ignition magnetos; magneto-dynamos; magnetic flywheels | No | 2.5%[18/] | Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| 8511.30.00 | | Distributors; ignition coils | | 2.5%[18/] | Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| | 40 | Distributors | No. | | | |
| | 80 | Ignition coils | No. | | | |
| 8511.40.00 | 00 | Starter motors and dual purpose starter-generators[43/] | No | 2.5%[48/] | Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| 8511.50.00 | 00 | Other generators[49/] | No | 2.5%[50/] | Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| 8511.80 | | Other equipment: | | | | |
| | | Voltage and voltage-current regulators with cut-out relays: | | | | |
| 8511.80.20 | 00 | Designed for use on 6, 12 or 24 V systems | No | 2.5%[2/] | Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 25% |
| 8511.80.40 | 00 | Other | No | Free[2/] | | 35% |
| 8511.80.60 | 00 | Other | kg | 2.5%[18/] | Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| 8511.90 | | Parts: | | | | |
| | | Of voltage and voltage-current regulators with cut-out relays: | | | | |
| 8511.90.20 | 00 | Designed for use on 6, 12 or 24 V systems | kg | 3.1%[2/] | Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 25% |
| 8511.90.40 | 00 | Other | kg | Free[2/] | | 35% |

| Heading/ Subheading | Stat. Suf- fix | Article Description | Unit of Quantity | Rates of Duty 1 General | Rates of Duty 1 Special | Rates of Duty 2 |
|---|---|---|---|---|---|---|
| 8511 (con.) | | Electrical ignition or starting equipment of a kind used for spark-ignition or compression-ignition internal combustion engines (for example, ignition magnetos, magneto-dynamos, ignition coils, spark plugs and glow plugs, starter motors); generators (for example, dynamos, alternators) and cut-outs of a kind used in conjunction with such engines; parts thereof: (con.) | | | | |
| 8511.90 (con.) | | Parts: (con.) | | | | |
| 8511.90.60 | | Other parts | ..... | 2.5%[18/] | Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| | 20 | Distributor contact (breaker point) sets | No. | | | |
| | 40 | Other | kg | | | |

| Heading/ Subheading | Stat. Suf-fix | Article Description | Unit of Quantity | Rates of Duty 1 General | Rates of Duty 1 Special | Rates of Duty 2 |
|---|---|---|---|---|---|---|
| 8512 | | Electrical lighting or signaling equipment (excluding articles of heading 8539), windshield wipers, defrosters and demisters, of a kind used for cycles or motor vehicles; parts thereof: | | | | |
| 8512.10 | | Lighting or visual signaling equipment of a kind used on bicycles: | | | | |
| 8512.10.20 | 00 | Lighting equipment | No | Free[31/] | | 45% |
| 8512.10.40 | 00 | Visual signaling equipment | No | 2.7%[31/] | Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| 8512.20 | | Other lighting or visual signaling equipment: | | | | |
| 8512.20.20 | | Lighting equipment | | Free[18/] | | 25% |
| | 40 | For the vehicles of subheading 8701.20 or heading 8702, 8703, 8704, 8705 or 8711[37/] | No. | | | |
| | 80 | Other | No. | | | |
| 8512.20.40 | | Visual signaling equipment | | 2.5%[18/] | Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| | 40 | For the vehicles of subheading 8701.20 or heading 8702, 8703, 8704, 8705 or 8711 | No. | | | |
| | 80 | Other | No. | | | |
| 8512.30.00 | | Sound signaling equipment | | 2.5%[18/] | Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| | 20 | Horns | No. | | | |
| | 30 | Radar detectors of a kind used in motor vehicles | No. | | | |
| | 40 | Other[49/] | No. | | | |
| 8512.40 | | Windshield wipers, defrosters and demisters: | | | | |
| 8512.40.20 | 00 | Defrosters and demisters | No | 2.5%[18/] | Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| 8512.40.40 | 00 | Windshield wipers | No | 2.5%[18/] | Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 25% |
| 8512.90 | | Parts: | | | | |
| 8512.90.20 | 00 | Of signaling equipment[49/] | kg | 2.5%[51/] | Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| | | Of lighting equipment: | | | | |
| 8512.90.40 | 00 | Of a kind used on bicycles | kg | Free[18/] | | 45% |
| 8512.90.60 | 00 | Other | kg | Free[18/] | | 25% |
| 8512.90.70 | 00 | Of defrosters and demisters | kg | 2.5%[18/] | Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |

| Heading/ Subheading | Stat. Suf- fix | Article Description | Unit of Quantity | Rates of Duty 1 General | Rates of Duty 1 Special | Rates of Duty 2 |
|---|---|---|---|---|---|---|
| 8512 (con.) | | Electrical lighting or signaling equipment (excluding articles of heading 8539), windshield wipers, defrosters and demisters, of a kind used for cycles or motor vehicles; parts thereof: (con.) | | | | |
| 8512.90 (con.) | | Parts: (con.) | | | | |
| 8512.90.90 | 00 | Other | kg | 2.5%[18/] | Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 25% |

| Heading/ Subheading | Stat. Suf-fix | Article Description | Unit of Quantity | Rates of Duty 1 General | Rates of Duty 1 Special | Rates of Duty 2 |
|---|---|---|---|---|---|---|
| 8513 | | Portable electric lamps designed to function by their own source of energy (for example, dry batteries, storage batteries, magnetos), other than lighting equipment of heading 8512; parts thereof: | | | | |
| 8513.10 | | Lamps: | | | | |
| 8513.10.20 | 00 | Flashlights | No | 12.5%[45/] | Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, MA, MX, OM, P, PA, PE, SG) 1.2% (KR) | 35% |
| 8513.10.40 | 00 | Other | No | 3.5%[45/] | Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 40% |
| 8513.90 | | Parts: | | | | |
| 8513.90.20 | 00 | Of flashlights | kg | 12.5%[18/] | Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| 8513.90.40 | 00 | Other | kg | 3.5%[18/] | Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 40% |
| 8514 | | Industrial or laboratory electric furnaces and ovens (including those functioning by induction or dielectric loss); other industrial or laboratory equipment for the heat treatment of materials by induction or dielectric loss; parts thereof: | | | | |
| 8514.10.00 | 00 | Resistance heated furnaces and ovens[5/] | No | Free[3/] | | 35% |
| 8514.20 | | Furnaces and ovens functioning by induction or dielectric loss: | | | | |
| | | Microwave ovens: | | | | |
| 8514.20.40 | 00 | For making hot drinks, or for cooking or heating food | No | 4%[52/] | Free (A, AU, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| 8514.20.60 | 00 | Other | No | 4.2%[3/] | Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| 8514.20.80 | 00 | Other | No | Free[3/] | | 35% |
| 8514.30 | | Other furnaces and ovens: | | | | |
| 8514.30.10 | 00 | Of a kind used solely or principally for the manufacture of printed circuits or printed circuit assemblies | No | Free[3/] | | 35% |
| 8514.30.90 | 00 | Other | No | 1.3%[3/] | Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| 8514.40.00 | 00 | Other equipment for the heat treatment of materials by induction or dielectric loss[5/] | kg | Free[3/] | | 35% |
| 8514.90 | | Parts: | | | | |

| Heading/ Subheading | Stat. Suf- fix | Article Description | Unit of Quantity | Rates of Duty 1 General | Rates of Duty 1 Special | Rates of Duty 2 |
|---|---|---|---|---|---|---|
| 8514 (con.) | | Industrial or laboratory electric furnaces and ovens (including those functioning by induction or dielectric loss); other industrial or laboratory equipment for the heat treatment of materials by induction or dielectric loss; parts thereof: (con.) | | | | |
| 8514.90 (con.) | | Parts: (con.) | | | | |
| 8514.90.40 | 00 | Of microwave ovens | kg | 4%[18/] | Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| 8514.90.80 | 00 | Other[32/] | kg | Free[3/] | | 35% |

| Heading/ Subheading | Stat. Suf- fix | Article Description | Unit of Quantity | Rates of Duty 1 General | Rates of Duty 1 Special | Rates of Duty 2 |
|---|---|---|---|---|---|---|
| 8515 | | Electric (including electrically heated gas), laser or other light or photon beam, ultrasonic, electron beam, magnetic pulse or plasma arc soldering, brazing or welding machines and apparatus, whether or not capable of cutting; electric machines and apparatus for hot spraying of metals or cermets; parts thereof: | | | | |
| | | Brazing or soldering machines and apparatus: | | | | |
| 8515.11.00 | 00 | Soldering irons and guns[4/] | No | 2.5%[3/] | Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| 8515.19.00 | 00 | Other[27/] | No | Free[3/] | | 35% |
| | | Machines and apparatus for resistance welding of metal: | | | | |
| 8515.21.00 | 00 | Fully or partly automatic | No | Free[3/] | | 35% |
| 8515.29.00 | 00 | Other | No | Free[3/] | | 35% |
| | | Machines and apparatus for arc (including plasma arc) welding of metals: | | | | |
| 8515.31.00 | 00 | Fully or partly automatic | No | 1.6%[3/] | Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, JP, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| 8515.39.00 | | Other | | 1.6%[3/] | Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| | | Non-rotating type: | | | | |
| | 20 | AC transformer type[32/] | No. | | | |
| | 40 | Other | No. | | | |
| | 60 | Rotating type | No. | | | |
| 8515.80.00 | | Other machines and apparatus | | Free[3/] | | 35% |
| | 40 | Ultrasonic welding machines | No. | | | |
| | 80 | Other | No. | | | |
| 8515.90 | | Parts: | | | | |
| 8515.90.20 | 00 | Of welding machines and apparatus[5/] | No | 1.6%[3/] | Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, JP, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| 8515.90.40 | 00 | Other parts[53/] | No | Free[3/] | | 35% |

| Heading/ Subheading | Stat. Suf- fix | Article Description | Unit of Quantity | Rates of Duty 1 General | Rates of Duty 1 Special | Rates of Duty 2 |
|---|---|---|---|---|---|---|
| 8516 | | Electric instantaneous or storage water heaters and immersion heaters; electric space heating apparatus and soil heating apparatus; electrothermic hairdressing apparatus (for example, hair dryers, hair curlers, curling tong heaters) and hand dryers; electric flatirons; other electrothermic appliances of a kind used for domestic purposes; electric heating resistors, other than those of heading 8545; parts thereof: | | | | |
| 8516.10.00 | | Electric instantaneous or storage water heaters and immersion heaters | ..... | Free[31/] | | 35% |
| | 40 | Storage water heaters | No. | | | |
| | 80 | Other water heaters and immersion heaters | No. | | | |
| | | Electric space heating apparatus and electric soil heating apparatus: | | | | |
| 8516.21.00 | 00 | Storage heating radiators | No. | Free[18/] | | 35% |
| 8516.29.00 | | Other | ..... | 3.7%[54/] | Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| | | Portable space heaters: | | | | |
| | 30 | Fan-forced[55/] | No. | | | |
| | 60 | Other | No. | | | |
| | 90 | Other[55/] | No. | | | |
| | | Electrothermic hairdressing or hand-drying apparatus: | | | | |
| 8516.31.00 | 00 | Hair dryers | No. | 3.9%[45/] | Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| 8516.32.00 | | Other hairdressing apparatus | ..... | 3.9%[45/] | Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| | 20 | Curlers | No. | | | |
| | 40 | Other | No. | | | |
| 8516.33.00 | 00 | Hand-drying apparatus | No. | Free[31/] | | 35% |
| 8516.40 | | Electric flatirons: | | | | |
| 8516.40.20 | 00 | Travel type | No. | Free[45/] | | 35% |
| 8516.40.40 | 00 | Other | No. | 2.8%[56/] | Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 40% |
| 8516.50.00 | | Microwave ovens | ..... | 2%[57/] | Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, MA, MX, OM, P, PA, PE, SG)<br>0.2% (KR) | 35% |
| | 30 | Having a capacity not exceeding 22.5 liters | No. | | | |
| | 60 | Having a capacity exceeding 22.5 liters but not exceeding 31.0 liters | No. | | | |
| | 90 | Having a capacity exceeding 31.0 liters | No. | | | |

| Heading/ Subheading | Stat. Suf- fix | Article Description | Unit of Quantity | Rates of Duty 1 General | Rates of Duty 1 Special | Rates of Duty 2 |
|---|---|---|---|---|---|---|
| 8516 (con.) | | Electric instantaneous or storage water heaters and immersion heaters; electric space heating apparatus and soil heating apparatus; electrothermic hairdressing apparatus (for example, hair dryers, hair curlers, curling tong heaters) and hand dryers; electric flatirons; other electrothermic appliances of a kind used for domestic purposes; electric heating resistors, other than those of heading 8545; parts thereof: (con.) | | | | |
| 8516.60 | | Other ovens; cooking stoves, ranges, cooking plates, boiling rings, grillers and roasters: | | | | |
| 8516.60.40 | | Cooking stoves, ranges and ovens | | Free[18/] | | 35% |
| | 60 | Microwave oven combinations | No. | | | |
| | | Other: | | | | |
| | 70 | Portable | No. | | | |
| | | Other: | | | | |
| | 74 | Of a maximum width not exceeding 70 centimeters | No. | | | |
| | | Of a maximum width exceeding 70 centimeters: | | | | |
| | 78 | Containing a gas fueled cooktop | No. | | | |
| | 82 | Containing a radiant heated cooktop | No. | | | |
| | 86 | Other | No. | | | |
| 8516.60.60 | 00 | Other | No. | 2.7%[58/] | Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 40% |
| | | Other electrothermic appliances: | | | | |
| 8516.71.00 | | Coffee or tea makers | | 3.7%[59/] | Free (A*, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 40% |
| | | Coffee makers: | | | | |
| | 20 | Automatic drip and pump type | No. | | | |
| | 40 | Percolator | No. | | | |
| | 60 | Other | No. | | | |
| | 80 | Other | No. | | | |
| 8516.72.00 | 00 | Toasters | No. | 5.3%[60/] | Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 40% |
| 8516.79.00 | 00 | Other | No. | 2.7%[61/] | Free (A*, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 40% |
| 8516.80 | | Electric heating resistors: | | | | |
| 8516.80.40 | 00 | Assembled only with simple insulated former and electrical connections, used for anti-icing or deicing | No. | Free[18/] | | 35% |
| 8516.80.80 | 00 | Other | No. | Free[18/] | | 35% |

| Heading/ Subheading | Stat. Suf-fix | Article Description | Unit of Quantity | Rates of Duty 1 General | Rates of Duty 1 Special | Rates of Duty 2 |
|---|---|---|---|---|---|---|
| 8516 (con.) | | Electric instantaneous or storage water heaters and immersion heaters; electric space heating apparatus and soil heating apparatus; electrothermic hairdressing apparatus (for example, hair dryers, hair curlers, curling tong heaters) and hand dryers; electric flatirons; other electrothermic appliances of a kind used for domestic purposes; electric heating resistors, other than those of heading 8545; parts thereof: (con.) | | | | |
| 8516.90 | | Parts: | | | | |
| 8516.90.05 | 00 | Of heaters or heating apparatus of subheading 8516.10, 8516.21 or 8516.29 | No | 3.7%[18/] | Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| 8516.90.15 | 00 | Housings for the hand-drying apparatus of subheading 8516.33 | No | 3.9%[18/] | Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| 8516.90.25 | 00 | Housings and steel bases for the electric flatirons of subheading 8516.40 | No | 3.9%[18/] | Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| | | Parts for the microwave ovens of subheading 8516.50: | | | | |
| 8516.90.35 | 00 | Assemblies, incorporating more than one of the following: cooking chamber; structural supporting chassis; door; outer case | No | Free[18/] | | 35% |
| 8516.90.45 | 00 | Printed circuit assemblies | No | Free[18/] | | 35% |
| 8516.90.50 | 00 | Other | No | Free[18/] | | 35% |
| | | Parts for the cooking stoves, ranges and ovens of subheading 8516.60.40: | | | | |
| 8516.90.55 | 00 | Cooking chambers, whether or not assembled | No | Free[18/] | | 35% |
| 8516.90.65 | 00 | Top surface panels with or without heating elements or controls | No | Free[18/] | | 35% |
| 8516.90.75 | 00 | Door assemblies, incorporating more than one of the following: inner panel; outer panel; window; insulation | No | Free[18/] | | 35% |
| 8516.90.80 | | Other: | | Free[18/] | | 35% |
| | 10 | Shelving and racks for cooking stoves and ranges | No. | | | |
| | 50 | Other | No. | | | |
| 8516.90.85 | 00 | Housings for toasters | No | 3.9%[18/] | Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| 8516.90.90 | 00 | Other | No | 3.9%[62/] | Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |

| Heading/ Subheading | Stat. Suf- fix | Article Description | Unit of Quantity | Rates of Duty 1 General | Rates of Duty 1 Special | Rates of Duty 2 |
|---|---|---|---|---|---|---|
| 8517 | | Telephone sets, including telephones for cellular networks or for other wireless networks; other apparatus for the transmission or reception of voice, images or other data, including apparatus for communication in a wired or wireless network (such as a local or wide area network), other than transmission or reception apparatus of heading 8443, 8525, 8527 or 8528; parts thereof: | | | | |
| | | Telephone sets, including telephones for cellular networks or for other wireless networks : | | | | |
| 8517.11.00 | 00 | Line telephone sets with cordless handsets | No. | Free[31/] | | 35% |
| 8517.12.00 | | Telephones for cellular networks or for other wireless networks: | | Free[45/] | | 35% |
| | 20 | Radio telephones designed for installation in motor vehicles for the Public Cellular Radiotelecommunication Service | No. | | | |
| | 50 | Other radio telephones designed for the Public Cellular Radiotelecommunication Service | No. | | | |
| | 80 | Other | No. | | | |
| 8517.18.00 | | Other: | | Free[45/] | | 35% |
| | 10 | Videophones | No. | | | |
| | 20 | Multiline telephones (including key, call director and consoles) | No. | | | |
| | 50 | Other | No. | | | |
| | | Other apparatus for transmission or reception of voice, images or other data, including apparatus for communication in a wired or wireless network (such as a local or wide area network): | | | | |
| 8517.61.00 | 00 | Base stations | No. | Free[31/] | | 35% |
| 8517.62.00 | | Machines for the reception, conversion and transmission or regeneration of voice, images or other data, including switching and routing apparatus: | | Free[63/] | | 35% |
| | 10 | Modems, of a kind used with data processing machines of heading 8471 | No. | | | |
| | 20 | Switching and routing apparatus[55/] | No. | | | |
| | 90 | Other | kg | | | |
| 8517.69.00 | 00 | Other | No. | Free[18/] | | 35% |
| 8517.70.00 | 00 | Parts | No. | Free[31/] | | 35% |

| Heading/ Subheading | Stat. Suf- fix | Article Description | Unit of Quantity | Rates of Duty 1 General | Rates of Duty 1 Special | Rates of Duty 2 |
|---|---|---|---|---|---|---|
| 8518 | | Microphones and stands therefor; loudspeakers, whether or not mounted in their enclosures; headphones and earphones, whether or not combined with a microphone, and sets consisting of a microphone and one or more loudspeakers; audio-frequency electric amplifiers; electric sound amplifier sets; parts thereof: | | | | |
| 8518.10 | | Microphones and stands therefor: | | | | |
| 8518.10.40 | 00 | Microphones having a frequency range of 300 Hz to 3.4 kHz with a diameter of not exceeding 10 mm and a height not exceeding 3 mm, for telecommunication use | No. | Free[18/] | | 35% |
| 8518.10.80 | | Other | | Free[31/] | | 35% |
| | 30 | Microphones | No. | | | |
| | 40 | Other | No. | | | |
| | | Loudspeakers, whether or not mounted in their enclosures: | | | | |
| 8518.21.00 | 00 | Single loudspeakers, mounted in their enclosures | No. | Free[31/] | | 35% |
| 8518.22.00 | 00 | Multiple loudspeakers, mounted in the same enclosure | No. | Free[31/] | | 35% |
| 8518.29 | | Other: | | | | |
| 8518.29.40 | 00 | Without housing, having a frequency range of 300 Hz to 3.4 kHz with a diameter of not exceeding 50 mm, for telecommunication use | No. | Free[45/] | | 35% |
| 8518.29.80 | 00 | Other | No. | Free[31/] | | 35% |
| 8518.30 | | Headphones and earphones, whether or not combined with a microphone, and sets consisting of a microphone and one or more loudspeakers: | | | | |
| 8518.30.10 | 00 | Line telephone handsets | No. | Free[31/] | | 35% |
| 8518.30.20 | 00 | Other | No. | Free[45/] | | 35% |
| 8518.40 | | Audio-frequency electric amplifiers: | | | | |
| 8518.40.10 | 00 | For use as repeaters in line telephony | No. | Free[18/] | | 35% |
| 8518.40.20 | 00 | Other | No. | Free[18/] | | 35% |
| 8518.50.00 | 00 | Electric sound amplifier sets | No. | Free[18/] | | 35% |
| 8518.90 | | Parts: | | | | |
| | | Of line telephone handsets of subheading 8518.30.10; of repeaters of subheading 8518.40.10: | | | | |
| 8518.90.20 | 00 | Printed circuit assemblies of line telephone handsets; parts of repeaters | No. | Free[18/] | | 35% |
| 8518.90.41 | 00 | Other | No. | Free[18/] | | 35% |
| | | Other: | | | | |
| 8518.90.60 | 00 | Printed circuit assemblies of the articles of subheading 8518.10.40 or 8518.29.40 | No. | Free[18/] | | 35% |
| 8518.90.81 | 00 | Other | No. | Free[18/] | | 35% |

| Heading/ Subheading | Stat. Suf- fix | Article Description | Unit of Quantity | Rates of Duty 1 General | Rates of Duty 1 Special | Rates of Duty 2 |
|---|---|---|---|---|---|---|
| 8519 | | Sound recording or reproducing apparatus: | | | | |
| 8519.20.00 | 00 | Apparatus operated by coins, banknotes, bank cards, tokens or by other means of payment | No | Free[31/] | | 35% |
| 8519.30 | | Turntables (record-decks): | | | | |
| 8519.30.10 | 00 | With automatic record changing mechanism | No | 3.9%[31/] | Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| 8519.30.20 | 00 | Other | No | Free[45/] | | 35% |
| 8519.50.00 | 00 | Telephone answering machines | No | Free[45/] | | 35% |
| | | Other apparatus: | | | | |
| 8519.81 | | Using magnetic, optical or semiconductor media: | | | | |
| | | Sound reproducing only: | | | | |
| 8519.81.10 | 00 | Transcribing machines | No | Free[31/] | | 35% |
| | | Cassette-type tape players: | | | | |
| 8519.81.20 | 00 | Designed exclusively for motor- vehicle installation | No | Free[45/] | | 35% |
| 8519.81.25 | 00 | Other | No | Free[45/] | | 35% |
| 8519.81.30 | | Other: | | Free[18/] | | 35% |
| | 10 | Optical disc (including compact disc) players | No. | | | |
| | 20 | Other | No. | | | |
| 8519.81.40 | | Other: | | Free[45/] | | 35% |
| | 10 | Magnetic tape recorders incorporating sound reproducing apparatus, other than telephone answering machines | No. | | | |
| | 20 | Optical disc recorders | No. | | | |
| | 50 | Other | No. | | | |
| 8519.89 | | Other: | | | | |
| | | Record players, other than those operated by coins, banknotes, bank cards, tokens or by other means of payment: | | | | |
| 8519.89.10 | 00 | Without loudspeaker | No | Free[31/] | | 35% |
| 8519.89.20 | 00 | Other | No | Free[45/] | | 35% |
| 8519.89.30 | 00 | Other | No | Free[31/] | | 35% |
| 8521 | | Video recording or reproducing apparatus, whether or not incorporating a video tuner: | | | | |
| 8521.10 | | Magnetic tape-type: | | | | |
| | | Color, cartridge or cassette type: | | | | |
| 8521.10.30 | 00 | Not capable of recording | No | Free[31/] | | 35% |
| 8521.10.60 | 00 | Other | No | Free[31/] | | 35% |
| 8521.10.90 | 00 | Other | No | Free[31/] | | 35% |
| 8521.90.00 | 00 | Other | No | Free[31/] | | 35% |

| Heading/ Subheading | Stat. Suf- fix | Article Description | Unit of Quantity | Rates of Duty 1 General | Rates of Duty 1 Special | Rates of Duty 2 |
|---|---|---|---|---|---|---|
| 8522 | | Parts and accessories suitable for use solely or principally with the apparatus of heading 8519 or 8521: | | | | |
| 8522.10.00 | 00 | Pickup cartridges | No | 3.9%[18/] | Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| 8522.90 | | Other: | | | | |
| | | Assemblies and subassemblies of articles provided for in subheading 8519.81.40, consisting of two or more pieces fastened or joined together: | | | | |
| 8522.90.25 | 00 | Printed circuit assemblies | No | Free[18/] | | 35% |
| 8522.90.36 | 00 | Other | No | Free[18/] | | 35% |
| | | Parts of telephone answering machines: | | | | |
| 8522.90.45 | 00 | Printed circuit assemblies | No | Free[18/] | | 35% |
| 8522.90.58 | | Other | | Free[18/] | | 35% |
| | 40 | Magnetic recording and reproducing heads | No. | | | |
| | 80 | Other | No. | | | |
| | | Other: | | | | |
| 8522.90.65 | 00 | Printed circuit assemblies | No | Free[18/] | | 35% |
| 8522.90.80 | | Other | | Free[18/] | | 35% |
| | 40 | Magnetic recording and reproducing heads | No. | | | |
| | 81 | Other | No. | | | |
| 8523 | | Discs, tapes, solid-state non-volatile storage devices, "smart cards" and other media for the recording of sound or of other phenomena, whether or not recorded, including matrices and masters for the production of discs, but excluding products of Chapter 37: | | | | |
| | | Magnetic media: | | | | |
| 8523.21.00 | 00 | Cards incorporating a magnetic stripe | No | Free[18/] | | 80% |

| Heading/ Subheading | Stat. Suf-fix | Article Description | Unit of Quantity | Rates of Duty 1 General | Rates of Duty 1 Special | Rates of Duty 2 |
|---|---|---|---|---|---|---|
| 8523 (con.) | | Discs, tapes, solid-state non-volatile storage devices, "smart cards" and other media for the recording of sound or of other phenomena, whether or not recorded, including matrices and masters for the production of discs, but excluding products of Chapter 37: (con.) | | | | |
| | | Magnetic media: (con.) | | | | |
| 8523.29 | | Other: | | | | |
| 8523.29.10 | 00 | Unrecorded magnetic media | No | Free[31/] | | 80% |
| | | Other: | | | | |
| 8523.29.20 | 00 | Magnetic tapes for reproducing phenomena other than sound or image | $m^2$ | Free[31/] | | 86.1¢/$m^2$ of recording surface |
| | | Other magnetic tapes: | | | | |
| | | Of a width not exceeding 4 mm: | | | | |
| 8523.29.30 | 00 | News sound recordings relating to current events | No | Free[31/] | | Free |
| 8523.29.40 | | Other | | Free[31/] | | 86.1¢/$m^2$of recording surface |
| | 10 | Sound recordings on cassette tapes | No.<br>$m^2$ | | | |
| | 20 | Other | No.<br>$m^2$ | | | |
| | | Of a width exceeding 4 mm but not exceeding 6.5 mm: | | | | |
| 8523.29.50 | | Video tape recordings: | | Free[31/] | | 3.3¢/lin. m |
| | 10 | In cassettes | lin. m<br>No. | | | |
| | 20 | Other | lin. m | | | |
| 8523.29.60 | 00 | Other | $m^2$ | Free[31/] | | 86.1¢/$m^2$ of recording surface |
| | | Of a width exceeding 6.5 mm: | | | | |
| 8523.29.70 | | Video tape recordings: | | Free[31/] | | 3.3¢/lin. m |
| | 10 | Of a width not exceeding 16 mm, in cassettes | lin. m<br>No. | | | |
| | 20 | Other | lin. m | | | |
| 8523.29.80 | 00 | Other | $m^2$ | Free[31/] | | 86.1¢/$m^2$ of recording surface |
| 8523.29.90 | 00 | Other | $m^2$ | Free[31/] | | 86.1¢/$m^2$ of recording surface |

| Heading/ Subheading | Stat. Suf- fix | Article Description | Unit of Quantity | Rates of Duty 1 General | Rates of Duty 1 Special | Rates of Duty 2 |
|---|---|---|---|---|---|---|
| 8523 (con.) | | Discs, tapes, solid-state non-volatile storage devices, "smart cards" and other media for the recording of sound or of other phenomena, whether or not recorded, including matrices and masters for the production of discs, but excluding products of Chapter 37: (con.) | | | | |
| | | Optical media: | | | | |
| 8523.41.00 | 00 | Unrecorded | No. | Free[31/] | | 80% |
| 8523.49 | | Other: | | | | |
| 8523.49.20 | | For reproducing phenomena other than sound or image | | Free[31/] | | 86.1¢/$m^2$ of recording surface |
| | 10 | Prepackaged software for automatic data processing machines, of a kind sold at retail | No. $m^2$ | | | |
| | 20 | Other | No. $m^2$ | | | |
| 8523.49.30 | 00 | For reproducing sound only | No. $m^2$ | Free[31/] | | 86.1¢/$m^2$ of recording surface |
| | | Other: | | | | |
| 8523.49.40 | 00 | For reproducing representations of instructions, data, sound, and image, recorded in a machine readable binary form, and capable of being manipulated or providing interactivity to a user, by means of an automatic data processing machine; proprietary format recorded discs | No. | Free[18/] | | 80% |
| 8523.49.50 | 00 | Other | No. | Free[31/] | | 80% |
| | | Semiconductor media: | | | | |
| 8523.51.00 | 00 | Solid-state non-volatile storage devices[31/] | No. | Free[31/] | | 80% |
| 8523.52.00 | | "Smart cards" | | Free[18/] | | 35% |
| | 10 | Unrecorded | No. | | | |
| | 90 | Other | No. | | | |
| 8523.59.00 | 00 | Other | No. | Free[18/] | | 35% |
| 8523.80 | | Other: | | | | |
| 8523.80.10 | 00 | Phonograph records | No. | Free[31/] | | 30% |
| 8523.80.20 | 00 | Other | No. | Free[31/] | | 80% |

| Heading/ Subheading | Stat. Suf- fix | Article Description | Unit of Quantity | Rates of Duty 1 General | Rates of Duty 1 Special | Rates of Duty 2 |
|---|---|---|---|---|---|---|
| 8525 | | Transmission apparatus for radio-broadcasting or television, whether or not incorporating reception apparatus or sound recording or reproducing apparatus; television cameras, digital cameras and video camera recorders: | | | | |
| 8525.50 | | Transmission apparatus: | | | | |
| | | Television: | | | | |
| 8525.50.10 | 00 | Set top boxes which have a communication function | No. | Free[45/] | | 35% |
| 8525.50.30 | | Other | | Free[18/] | | 35% |
| | 15 | Apparatus for the reception of television signals relayed by television satellite | No. | | | |
| | | Other: | | | | |
| | 35 | Converters, decoders, preamplifiers, line amplifiers, distribution amplifiers and other amplifiers; directional couplers and other couplers; all the foregoing designed for cable or closed-circuit television applications | No. | | | |
| | 40 | Other | No. | | | |
| 8525.50.70 | | For radiobroadcasting | | Free[3/] | | 35% |
| | 10 | Transmitters | No. | | | |
| | 50 | Other | No. | | | |
| 8525.60 | | Transmission apparatus incorporating reception apparatus: | | | | |
| 8525.60.10 | | Transceivers: | | Free[3/] | | 35% |
| | 10 | Citizens Band (CB)[64/] | No. | | | |
| | 20 | Low-power radiotelephonic transceivers operating on frequencies from 49.82 to 49.90 MHz | No. | | | |
| | | Other: | | | | |
| | 30 | Hand-held[32/] | No. | | | |
| | | Other: | | | | |
| | 40 | Marine VHF-FM | No. | | | |
| | 50 | Other[24/] | No. | | | |
| 8525.60.20 | 00 | Other | No. | Free[3/] | | 35% |
| 8525.80 | | Television cameras, digital cameras and video camera recorders: | | | | |
| | | Television cameras: | | | | |
| 8525.80.10 | 00 | Gyrostabilized television cameras | No. | Free[3/] | | 35% |
| 8525.80.20 | 00 | Studio television cameras excluding shoulder-carried and other portable cameras | No. | Free[3/] | | 35% |
| 8525.80.30 | | Other: | | Free[18/] | | 35% |
| | 10 | Color[49/] | No. | | | |
| | 50 | Other | No. | | | |
| 8525.80.40 | 00 | Digital still image video cameras | No. | Free[31/] | | 35% |
| 8525.80.50 | | Other: | | Free[18/] | | 35% |
| | 15 | Camcorders | No. | | | |
| | 50 | Other | No. | | | |

| Heading/ Subheading | Stat. Suf- fix | Article Description | Unit of Quantity | Rates of Duty 1 General | Rates of Duty 1 Special | Rates of Duty 2 |
|---|---|---|---|---|---|---|
| 8526 | | Radar apparatus, radio navigational aid apparatus and radio remote control apparatus: | | | | |
| 8526.10.00 | | Radar apparatus | ..... | Free[3/] | | 35% |
| | 20 | Designed for boat or ship installation | No. | | | |
| | 40 | Other | No. | | | |
| | | Other: | | | | |
| 8526.91.00 | | Radio navigational aid apparatus | ..... | Free[3/] | | 35% |
| | 20 | Reception only apparatus | No. | | | |
| | 40 | Other[5/] | No. | | | |
| 8526.92 | | Radio remote control apparatus: | | | | |
| 8526.92.10 | 00 | Radio remote control apparatus for video game consoles | No. | Free[45/] | | 35% |
| 8526.92.50 | 00 | Other[21/] | No. | Free[3/] | | 35% |
| 8527 | | Reception apparatus for radiobroadcasting, whether or not combined, in the same housing, with sound recording or reproducing apparatus or a clock: | | | | |
| | | Radiobroadcast receivers capable of operating without an external source of power: | | | | |
| 8527.12.00 | 00 | Pocket-size radio cassette players | No. | Free[45/] | | 35% |
| 8527.13 | | Other apparatus combined with sound recording or reproducing apparatus: | | | | |
| 8527.13.11 | 00 | Combinations incorporating tape players which are incapable of recording | No. | Free[45/] | | 35% |
| | | Other: | | | | |
| 8527.13.20 | | Radio-tape recorder combinations | ..... | Free[45/] | | 35% |
| | 15 | Cassette type | No. | | | |
| | 25 | Other | No. | | | |
| 8527.13.40 | 00 | Radio-phonograph combinations | No. | Free[45/] | | 35% |
| 8527.13.60 | | Other | ..... | Free[45/] | | 35% |
| | 40 | Incorporating optical disc (including compact disc) players or recorders | No. | | | |
| | 80 | Other | No. | | | |
| 8527.19 | | Other: | | | | |
| 8527.19.10 | 00 | Valued not over $40 each, incorporating a clock or clock-timer, not in combination with any other article, and not designed for motor vehicle installation | No. | Free[45/] | | 35% |
| 8527.19.50 | | Other | ..... | Free[45/] | | 35% |
| | 10 | FM only or AM/FM only | No. | | | |
| | 25 | Other | No. | | | |

| Heading/ Subheading | Stat. Suf-fix | Article Description | Unit of Quantity | Rates of Duty 1 General | Rates of Duty 1 Special | Rates of Duty 2 |
|---|---|---|---|---|---|---|
| 8527 (con.) | | Reception apparatus for radiobroadcasting, whether or not combined, in the same housing, with sound recording or reproducing apparatus or a clock: (con.) | | | | |
| | | Radiobroadcast receivers not capable of operating without an external source of power, of a kind used in motor vehicles: | | | | |
| 8527.21 | | Combined with sound recording or reproducing apparatus: | | | | |
| | | Radio-tape player combinations: | | | | |
| 8527.21.15 | 00 | Combined with sound recording or reproducing apparatus capable of receiving and decoding digital radio data system signals | No | Free[18/] | | 35% |
| 8527.21.25 | | Other: | | 2%[18/] | Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| | 10 | Incorporating optical disc (including compact disc) players or recorders | No. | | | |
| | 25 | Other | No. | | | |
| 8527.21.40 | | Other | | Free[18/] | | 35% |
| | 40 | Incorporating optical disc (including compact disc) players or recorders | No. | | | |
| | 80 | Other | No. | | | |
| 8527.29 | | Other: | | | | |
| 8527.29.40 | 00 | FM only or AM/FM only | No | Free[18/] | | 35% |
| 8527.29.80 | 00 | Other | No | Free[18/] | | 35% |
| | | Other: | | | | |
| 8527.91 | | Combined with sound recording or reproducing apparatus: | | | | |
| 8527.91.05 | 00 | Articles designed for connection to telegraphic or telephonic apparatus or instruments or to telegraphic or telephonic networks | No | Free[45/] | | 35% |
| | | Other: | | | | |
| 8527.91.40 | 00 | Combinations incorporating tape players which are incapable of recording | No | Free[45/] | | 35% |
| 8527.91.50 | 00 | Other combinations incorporating tape recorders | No | Free[31/] | | 35% |
| 8527.91.60 | | Other | | Free[31/] | | 35% |
| | 40 | Incorporating optical disc (including compact disc) players or recorders | No. | | | |
| | 80 | Other | No. | | | |
| 8527.92 | | Not combined with sound recording or reproducing apparatus but combined with a clock: | | | | |
| 8527.92.10 | 00 | Valued not over $40 each | No | Free[45/] | | 35% |
| 8527.92.50 | 00 | Other | No | Free[45/] | | 35% |
| 8527.99 | | Other: | | | | |
| 8527.99.10 | 00 | Infant nursery monitor systems, each consisting in the same package of a radio transmitter, an electrical adapter, and a radio receiver | No | Free[45/] | | 35% |
| 8527.99.15 | 00 | Other radio receivers | No | Free[3/] | | 35% |
| 8527.99.40 | 00 | Other: | No | Free[3/] | | 35% |

| Heading/ Subheading | Stat. Suf- fix | Article Description | Unit of Quantity | Rates of Duty 1 General | Rates of Duty 1 Special | Rates of Duty 2 |
|---|---|---|---|---|---|---|
| 8528 | | Monitors and projectors, not incorporating television reception apparatus; reception apparatus for television, whether or not incorporating radio-broadcast receivers or sound or video recording or reproducing apparatus: | | | | |
| | | Cathode-ray tube monitors: | | | | |
| 8528.42.00 | 00 | Capable of directly connecting to and designed for use with an automatic data processing machine of heading 8471 | No | Free[18/] | | 35% |
| 8528.49 | | Other: | | | | |
| | | Color: | | | | |
| | | Incomplete or unfinished (including assemblies consisting of the parts specified in subdivisions (a), (b), (c) and (e) in additional U.S. note 9 to this chapter plus a power supply), presented without a display device: | | | | |
| 8528.49.05 | 00 | Incorporating video recording or reproducing apparatus | No | Free[31/] | | 25% |
| 8528.49.10 | 00 | Other | No | Free[31/] | | 35% |
| | | Non-high definition, having a single picture tube intended for direct viewing (non-projection type), with a video display diagonal not exceeding 35.56 cm: | | | | |
| | | Incorporating video recording or reproducing apparatus: | | | | |
| 8528.49.15 | 00 | With a video display diagonal not exceeding 34.29 cm | No | Free[18/] | | 25% |
| 8528.49.20 | 00 | Other | No | Free[18/] | | 25% |
| | | Other: | | | | |
| 8528.49.25 | 00 | With a video display diagonal not exceeding 34.29 cm | No | Free[31/] | | 35% |
| 8528.49.30 | 00 | Other | No | Free[31/] | | 35% |
| | | Non-high definition, having a single picture tube intended for direct viewing (non-projection type), with a video display diagonal exceeding 35.56 cm: | | | | |
| 8528.49.35 | 00 | Incorporating video recording or reproducing apparatus | No | Free[18/] | | 25% |
| 8528.49.40 | 00 | Other | No | Free[31/] | | 35% |
| | | Non-high definition, projection type, with a cathode-ray tube: | | | | |
| 8528.49.45 | 00 | Incorporating video recording or reproducing apparatus | No | Free[18/] | | 25% |
| 8528.49.50 | 00 | Other | No | Free[31/] | | 35% |
| | | High definition, non-projection type, with a cathode-ray tube: | | | | |
| 8528.49.60 | 00 | Incorporating video recording or reproducing apparatus | No | Free[18/] | | 25% |
| 8528.49.65 | 00 | Other | No | Free[31/] | | 35% |
| | | High definition, projection type, with a cathode-ray tube: | | | | |
| 8528.49.70 | 00 | Incorporating video recording or reproducing apparatus | No | Free[31/] | | 25% |
| 8528.49.75 | 00 | Other | No | Free[31/] | | 35% |
| 8528.49.80 | 00 | Black and white or other monochrome | No | Free[18/] | | 35% |

| Heading/ Subheading | Stat. Suf- fix | Article Description | Unit of Quantity | Rates of Duty 1 General | Rates of Duty 1 Special | Rates of Duty 2 |
|---|---|---|---|---|---|---|
| 8528 (con.) | | Monitors and projectors, not incorporating television reception apparatus; reception apparatus for television, whether or not incorporating radio-broadcast receivers or sound or video recording or reproducing apparatus: (con.) | | | | |
| | | Other monitors: | | | | |
| 8528.52.00 | 00 | Capable of directly connecting to and designed for use with an automatic data processing machine of heading 8471 | No | Free[45/] | | 35% |

| Heading/ Subheading | Stat. Suf-fix | Article Description | Unit of Quantity | Rates of Duty 1 General | Rates of Duty 1 Special | Rates of Duty 2 |
|---|---|---|---|---|---|---|
| 8528 (con.) | | Monitors and projectors, not incorporating television reception apparatus; reception apparatus for television, whether or not incorporating radio-broadcast receivers or sound or video recording or reproducing apparatus: (con.) | | | | |
| | | Other monitors: (con.) | | | | |
| 8528.59 | | Other: | | | | |
| | | Color: | | | | |
| | | Incomplete or unfinished (including assemblies consisting of the parts specified in subdivisions (a), (b), (c) and (e) in additional U.S. note 9 to this chapter plus a power supply), presented without a display device: | | | | |
| 8528.59.05 | 00 | Incorporating video recording or reproducing apparatus | No | Free[18/] | | 25% |
| 8528.59.10 | 00 | Other | No | Free[18/] | | 35% |
| | | With a flat panel screen: | | | | |
| | | Incorporating video recording or reproducing apparatus: | | | | |
| 8528.59.15 | 00 | With a video display diagonal not exceeding 34.29 cm | No | Free[31/] | | 25% |
| 8528.59.23 | 00 | Other | No | 3.9%[31/] | Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 25% |
| | | Other: | | | | |
| 8528.59.25 | 00 | With a video display diagonal not exceeding 34.29 cm | No | Free[31/] | | 35% |
| 8528.59.33 | | Other | | 5%[31/] | Free (A+, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| | 10 | Plasma-type | No. | | | |
| | 50 | LCD-type (direct view) | No. | | | |
| | 70 | Other | No. | | | |
| | | Other: | | | | |
| | | Incorporating video recording or reproducing apparatus: | | | | |
| 8528.59.35 | 00 | With a video display diagonal not exceeding 34.29 cm | No | Free[31/] | | 25% |
| 8528.59.40 | 00 | Other | No | 3.9%[45/] | Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 25% |
| | | Other: | | | | |
| 8528.59.45 | 00 | With a video display diagonal not exceeding 34.29 cm | No | Free[45/] | | 35% |
| 8528.59.50 | 00 | Other | No | 5%[31/] | Free (A+, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| 8528.59.60 | 00 | Black and white or other monochrome | No | 5%[31/] | Free (A+, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |

| Heading/ Subheading | Stat. Suf- fix | Article Description | Unit of Quantity | Rates of Duty 1 General | Rates of Duty 1 Special | Rates of Duty 2 |
|---|---|---|---|---|---|---|
| 8528 (con.) | | Monitors and projectors, not incorporating television reception apparatus; reception apparatus for television, whether or not incorporating radio-broadcast receivers or sound or video recording or reproducing apparatus: (con.) | | | | |
| | | Projectors: | | | | |
| 8528.62.00 | 00 | Capable of directly connecting to and designed for use with an automatic data processing machine of heading 8471 | No | Free[31/] | | 35% |
| 8528.69 | | Other: | | | | |
| | | Color: | | | | |
| | | Incomplete or unfinished (including assemblies consisting of the parts specified in subdivisions (a), (b), (c) and (e) in additional U.S. note 9 to this chapter plus a power supply), presented without a display device: | | | | |
| 8528.69.05 | 00 | Incorporating video recording or reproducing apparatus | No | Free[18/] | | 25% |
| 8528.69.10 | 00 | Other | No | Free[18/] | | 35% |
| | | Non-high definition, with a cathode-ray tube: | | | | |
| 8528.69.15 | 00 | Incorporating video recording or reproducing apparatus | No | 3.9%[31/] | Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 25% |
| 8528.69.20 | 00 | Other | No | 5%[18/] | Free (A+, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| | | High definition, with a cathode-ray tube: | | | | |
| 8528.69.25 | 00 | Incorporating video recording or reproducing apparatus | No | 3.9%[31/] | Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 25% |
| 8528.69.30 | 00 | Other | No | 5%[18/] | Free (A+, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| | | With a flat panel screen: | | | | |
| | | Incorporating video recording or reproducing apparatus: | | | | |
| 8528.69.35 | 00 | With a video display diagonal not exceeding 34.29 cm | No | Free[45/] | | 25% |
| 8528.69.40 | 00 | Other | No | 3.9%[45/] | Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 25% |
| | | Other: | | | | |
| 8528.69.45 | 00 | With a video display diagonal not exceeding 34.29 cm | No | Free[31/] | | 35% |
| 8528.69.50 | 00 | Other | No | 5%[31/] | Free (A+, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |

| Heading/ Subheading | Stat. Suf-fix | Article Description | Unit of Quantity | Rates of Duty 1 General | Rates of Duty 1 Special | Rates of Duty 2 |
|---|---|---|---|---|---|---|
| 8528 (con.) | | Monitors and projectors, not incorporating television reception apparatus; reception apparatus for television, whether or not incorporating radio-broadcast receivers or sound or video recording or reproducing apparatus: (con.) | | | | |
| | | Projectors: (con.) | | | | |
| 8528.69 (con.) | | Other: (con.) | | | | |
| | | Color: (con.) | | | | |
| | | Other: | | | | |
| 8528.69.55 | 00 | Incorporating video recording or reproducing apparatus | No | 3.9%[31/] | Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 25% |
| 8528.69.60 | 00 | Other | No | 5%[31/] | Free (A+, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| 8528.69.70 | 00 | Black and white or other monochrome | No | 5%[31/] | Free (A+, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| | | Reception apparatus for television, whether or not incorporating radio-broadcast receivers or sound or video recording or reproducing apparatus: | | | | |
| 8528.71 | | Not designed to incorporate a video display or screen: | | | | |
| 8528.71.10 | 00 | Incorporating video recording or reproducing apparatus | No | Free[31/] | | 25% |
| | | Other: | | | | |
| 8528.71.20 | 00 | Set top boxes which have a communications function | No | Free[31/] | | 35% |
| 8528.71.30 | 00 | Printed circuit assemblies incorporating a tuner, of a kind used with data processing machines of heading 8471 | No | Free[31/] | | 35% |
| | | Other: | | | | |
| 8528.71.40 | 00 | Color | No | Free[31/] | | 35% |
| 8528.71.45 | 00 | Black and white or other monochrome | No | Free[31/] | | 35% |

| Heading/ Subheading | Stat. Suf- fix | Article Description | Unit of Quantity | Rates of Duty 1 General | Rates of Duty 1 Special | Rates of Duty 2 |
|---|---|---|---|---|---|---|
| 8528 (con.) | | Monitors and projectors, not incorporating television reception apparatus; reception apparatus for television, whether or not incorporating radio-broadcast receivers or sound or video recording or reproducing apparatus: (con.) | | | | |
| | | Reception apparatus for television, whether or not incorporating radio-broadcast receivers or sound or video recording or reproducing apparatus: (con.) | | | | |
| 8528.72 | | Other, color: | | | | |
| | | Incomplete or unfinished (including assemblies for television receivers consisting of all the parts specified in additional U.S. note 9 to this chapter plus a power supply), presented without a display device: | | | | |
| 8528.72.04 | 00 | Incorporating video recording or reproducing apparatus | No | Free[18/] | | 25% |
| 8528.72.08 | 00 | Other | No | Free[31/] | | 35% |
| | | Non-high definition, having a single picture tube intended for direct viewing (non-projection type), with a video display diagonal not exceeding 35.56 cm: | | | | |
| | | Incorporating video recording or reproducing apparatus: | | | | |
| 8528.72.12 | 00 | With a video display diagonal not exceeding 34.29 cm | No | Free[18/] | | 25% |
| 8528.72.16 | 00 | Other | No | 3.9%[45/] | Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) 0.9% (JP) | 25% |
| | | Other: | | | | |
| 8528.72.20 | 00 | With a video display diagonal not exceeding 34.29 cm | No | Free[18/] | | 35% |
| 8528.72.24 | 00 | Other | No | 5%[18/] | Free (A+, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) 2% (JP) | 35% |
| | | Non-high definition, having a single picture tube intended for direct viewing (non-projection type), with a video display diagonal exceeding 35.56 cm: | | | | |
| 8528.72.28 | 00 | Incorporating video recording or reproducing apparatus | No | 3.9%[18/] | Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) 0.9% (JP) | 25% |
| 8528.72.32 | 00 | Other | No | 5%[31/] | Free (A+, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) 2% (JP) | 35% |

| Heading/ Subheading | Stat. Suf-fix | Article Description | Unit of Quantity | Rates of Duty 1 General | Rates of Duty 1 Special | Rates of Duty 2 |
|---|---|---|---|---|---|---|
| 8528 (con.) | | Monitors and projectors, not incorporating television reception apparatus; reception apparatus for television, whether or not incorporating radio-broadcast receivers or sound or video recording or reproducing apparatus: (con.) | | | | |
| | | Reception apparatus for television, whether or not incorporating radio-broadcast receivers or sound or video recording or reproducing apparatus: (con.) | | | | |
| 8528.72 (con.) | | Other, color: (con.) | | | | |
| | | Non-high definition, projection type, with a cathode-ray tube: | | | | |
| 8528.72.36 | 00 | Incorporating video recording or reproducing apparatus | No | 3.9%[18/] | Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) 0.9% (JP) | 25% |
| 8528.72.40 | 00 | Other | No | 5%[18/] | Free (A+, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) 2% (JP) | 35% |
| | | High definition, non-projection type, with a cathode-ray tube: | | | | |
| 8528.72.44 | 00 | Incorporating video recording or reproducing apparatus | No | 3.9%[18/] | Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) 0.9% (JP) | 25% |
| 8528.72.48 | 00 | Other | No | 5%[31/] | Free (A+, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) 2% (JP) | 35% |
| | | High definition, projection type, with a cathode-ray tube: | | | | |
| 8528.72.52 | 00 | Incorporating video recording or reproducing apparatus | No | 3.9%[31/] | Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) 0.9% (JP) | 25% |
| 8528.72.56 | 00 | Other | No | 5%[31/] | Free (A+, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) 2% (JP) | 35% |

| Heading/ Subheading | Stat. Suf- fix | Article Description | Unit of Quantity | Rates of Duty 1 General | Rates of Duty 1 Special | Rates of Duty 2 |
|---|---|---|---|---|---|---|
| 8528 (con.) | | Monitors and projectors, not incorporating television reception apparatus; reception apparatus for television, whether or not incorporating radio-broadcast receivers or sound or video recording or reproducing apparatus: (con.) | | | | |
| | | Reception apparatus for television, whether or not incorporating radio-broadcast receivers or sound or video recording or reproducing apparatus: (con.) | | | | |
| 8528.72 (con.) | | Other, color: (con.) | | | | |
| | | With a flat panel screen: | | | | |
| | | Incorporating video recording or reproducing apparatus: | | | | |
| 8528.72.62 | 00 | With a video display diagonal not exceeding 34.29 cm | No | Free[31/] | | 25% |
| 8528.72.64 | | Other: | | 3.9%[31/] | Free (A*, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) 0.9% (JP) | 25% |
| | | With a video display diagonal: | | | | |
| | 20 | Not exceeding 75 cm | No. | | | |
| | 30 | Exceeding 75 cm but not exceeding 88 cm | No. | | | |
| | 40 | Exceeding 88 cm but not exceeding 113 cm | No. | | | |
| | 60 | Exceeding 113 cm | No. | | | |
| | | Other: | | | | |
| 8528.72.68 | 00 | With a video display diagonal not exceeding 34.29 cm | No | Free[31/] | | 35% |
| 8528.72.72 | | Other | | 5%[65/] | Free (A+, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) 2% (JP) | 35% |
| | | LCD-type (direct-view), with a video display diagonal: | | | | |
| | 20 | Not exceeding 75 cm | No. | | | |
| | 30 | Exceeding 75 cm but not exceeding 88 cm | No | | | |
| | 40 | Exceeding 88 cm but not exceeding 113 cm | No. | | | |
| | 60 | Exceeding 113 cm | No. | | | |
| | 90 | Other, including plasma-type | No. | | | |

| Heading/ Subheading | Stat. Suf- fix | Article Description | Unit of Quantity | Rates of Duty 1 General | Rates of Duty 1 Special | Rates of Duty 2 |
|---|---|---|---|---|---|---|
| 8528 (con.) | | Monitors and projectors, not incorporating television reception apparatus; reception apparatus for television, whether or not incorporating radio-broadcast receivers or sound or video recording or reproducing apparatus: (con.) | | | | |
| | | Reception apparatus for television, whether or not incorporating radio-broadcast receivers or sound or video recording or reproducing apparatus: (con.) | | | | |
| 8528.72 (con.) | | Other, color: (con.) | | | | |
| | | Other: | | | | |
| | | Incorporating video recording or reproducing apparatus: | | | | |
| 8528.72.76 | 00 | With a video display diagonal not exceeding 34.29 cm | No | Free[31/] | | 25% |
| 8528.72.80 | 00 | Other | No | 3.9%[31/] | Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) 0.9% (JP) | 25% |
| | | Other: | | | | |
| 8528.72.84 | 00 | With a video display diagonal not exceeding 34.29 cm | No | Free[31/] | | 35% |
| 8528.72.97 | 00 | Other | No | 5%[31/] | Free (A+, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) 2% (JP) | 35% |
| 8528.73.00 | 00 | Other, monochrome | No | 5%[18/] | Free (A+, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |

| Heading/ Subheading | Stat. Suf- fix | Article Description | Unit of Quantity | Rates of Duty 1 General | Rates of Duty 1 Special | Rates of Duty 2 |
|---|---|---|---|---|---|---|
| 8529 | | Parts suitable for use solely or principally with the apparatus of headings 8525 to 8528: | | | | |
| 8529.10 | | Antennas and antenna reflectors of all kinds; parts suitable for use therewith: | | | | |
| 8529.10.21 | | Television | | Free[18/] | | 35% |
| | | Antennas: | | | | |
| | 20 | Receiving only | No. | | | |
| | 50 | Other | No. | | | |
| | 90 | Other | No. | | | |
| 8529.10.40 | | Radar, radio navigational aid and radio remote control | | Free[3/] | | 35% |
| | 40 | Antennas[24/] | No | | | |
| | 80 | Other | No. | | | |
| 8529.10.91 | 00 | Other[1/] | No. | Free[2/] | | 35% |
| 8529.90 | | Other: | | | | |
| | | Printed circuit assemblies: | | | | |
| | | Of television apparatus: | | | | |
| 8529.90.04 | 00 | Tuners | No. | Free[18/] | | 35% |
| | | Other, comprising printed circuit boards and ceramic substrates with components assembled thereon, for color television receivers; subassemblies containing one or more of such boards or substrates, except tuners or convergence assemblies: | | | | |
| 8529.90.05 | 00 | Entered with components enumerated in additional U.S. note 4 to this chapter | No.[66/] | Free[3/] | | 35% |
| 8529.90.06 | 00 | Other | No.[66/] | Free[3/] | | 35% |
| | | Other: | | | | |
| 8529.90.09 | 00 | For television cameras | No. | Free[3/] | | 35% |
| 8529.90.13 | 00 | Other | No. | Free[31/] | | 35% |
| | | Of radar, radio navigational aid or radio remote control apparatus: | | | | |
| 8529.90.16 | | Assemblies and subassemblies, consisting of 2 or more parts or pieces fastened or joined together | | Free[3/] | | 35% |
| | 20 | Of radar apparatus | No. | | | |
| | 40 | Of radio navigational aid apparatus (except radar) | No. | | | |
| | 60 | Other[25/] | No. | | | |
| 8529.90.19 | | Other | | Free[3/] | | 35% |
| | 20 | Of radar apparatus | No. | | | |
| | 40 | Of radio navigational aid apparatus (except radar) | No. | | | |
| | 60 | Other | No. | | | |
| 8529.90.22 | 00 | Other | No. | Free[3/] | | 35% |
| 8529.90.24 | 01 | Transceiver assemblies for the apparatus of subheading 8526.10, other than printed circuit assemblies | No. | Free[3/] | | 35% |

| Heading/ Subheading | Stat. Suf- fix | Article Description | Unit of Quantity | Rates of Duty 1 General | Rates of Duty 1 Special | Rates of Duty 2 |
|---|---|---|---|---|---|---|
| 8529 (con.) | | Parts suitable for use solely or principally with the apparatus of headings 8525 to 8528: (con.) | | | | |
| 8529.90 (con.) | | Other: (con.) | | | | |
| | | Parts of television receivers specified in additional U.S. note 9 to this chapter, other than printed circuit assemblies: | | | | |
| 8529.90.29 | 00 | Tuners | No | Free[3/] | | 35% |
| | | Subassemblies, for color television receivers, containing two or more printed circuit boards or ceramic substrates with components assembled thereon, except tuners or convergence assemblies: | | | | |
| 8529.90.33 | 00 | Entered with components enumerated in additional U.S. note 4 to this chapter | No.[66/] | Free[3/] | | 35% |
| 8529.90.36 | 00 | Other | No.[66/] | Free[18/] | | 35% |
| 8529.90.39 | 00 | Other | No | Free[18/] | | 35% |
| | | Combinations of parts specified in additional U.S. note 9 to this chapter: | | | | |
| | | Subassemblies, for color television receivers, containing two or more printed circuit boards or ceramic substrates with components assembled thereon, except tuners or convergence assemblies: | | | | |
| 8529.90.43 | 00 | Entered with components enumerated in additional U.S. note 4 to this chapter | No.[66/] | Free[18/] | | 35% |
| 8529.90.46 | 00 | Other | No.[66/] | Free[3/] | | 35% |
| 8529.90.49 | 00 | Other | No | Free[18/] | | 35% |
| 8529.90.54 | 00 | Flat panel screen assemblies for the apparatus of subheadings 8528.59.15, 8528.59.23, 8528.59.25, 8528.59.33, 8528.69.35, 8525.69.40, 8528.69.45, 8528.69.50, 8528.72.62, 8528.72.64, 8528.72.68 and 8528.72.72 | No | Free[18/] | | 35% |
| | | Other, parts of printed circuit assemblies, including face plates and lock latches: | | | | |
| | | Of television apparatus: | | | | |
| 8529.90.63 | 00 | For television cameras | No | Free[3/] | | 35% |
| 8529.90.68 | 00 | Other | No | Free[3/] | | 35% |
| 8529.90.73 | 00 | Of radar, radio navigational aid or radio remote control apparatus | No | Free[3/] | | 35% |
| 8529.90.75 | 00 | Other | No | Free[18/] | | 35% |
| | | Other parts of articles of headings 8525 and 8527: | | | | |
| | | Of television apparatus: | | | | |
| | | For television cameras: | | | | |
| 8529.90.78 | 00 | Mounted lenses suitable for use in, and entered separately from, closed-circuit television cameras, with or without attached electrical or non-electrical closed-circuit television camera connectors, and with or without attached motors | No | Free[3/] | | 35% |
| 8529.90.81 | 00 | Other[40/] | No | Free[3/] | | 35% |
| 8529.90.83 | 00 | Other | No | Free[3/] | | 35% |
| 8529.90.86 | 00 | Other | No | Free[18/] | | 35% |

| Heading/ Subheading | Stat. Suf- fix | Article Description | Unit of Quantity | Rates of Duty 1 General | Rates of Duty 1 Special | Rates of Duty 2 |
|---|---|---|---|---|---|---|
| 8529 (con.) | | Parts suitable for use solely or principally with the apparatus of headings 8525 to 8528: (con.) | | | | |
| 8529.90 (con.) | | Other: (con.) | | | | |
| | | Other: | | | | |
| | | Of television receivers: | | | | |
| | | Subassemblies, for color television receivers, containing two or more printed circuit boards or ceramic substrates with components assembled thereon, except tuners or convergence assemblies: | | | | |
| 8529.90.88 | 00 | Entered with components enumerated in additional U.S. note 4 to this chapter | No.[66/] | Free[18/] | | 35% |
| 8529.90.89 | 00 | Other | No.[66/] | Free[3/] | | 35% |
| 8529.90.93 | | Other | | Free[3/] | | 35% |
| | 45 | Convergence assemblies, focus coils and degaussing coils | No. | | | |
| | 80 | Other | No. | | | |
| | | Of radar, radio navigational aid or radio remote control apparatus: | | | | |
| 8529.90.95 | | Assemblies and subassemblies, consisting of 2 or more parts or pieces fastened or joined together | | Free[3/] | | 35% |
| | 20 | Of radar apparatus | No. | | | |
| | 40 | Of radio navigational aid apparatus (except radar) | No. | | | |
| | 60 | Other | No. | | | |
| 8529.90.97 | | Other | | Free[3/] | | 35% |
| | 20 | Of radar apparatus | No. | | | |
| | 40 | Of radio navigational aid apparatus (except radar) | No. | | | |
| | 60 | Other | No. | | | |
| 8529.90.99 | 00 | Other[33/] | No. | Free[3/] | | 35% |
| 8530 | | Electrical signaling, safety or traffic control equipment for railways, streetcar lines, subways, roads, inland waterways, parking facilities, port installations or airfields (other than those of heading 8608); parts thereof: | | | | |
| 8530.10.00 | 00 | Equipment for railways, streetcar lines or subways | No. | Free[3/] | | 35% |
| 8530.80.00 | 00 | Other equipment | No. | Free[3/] | | 35% |
| 8530.90.00 | 00 | Parts | No. | Free[3/] | | 35% |

| Heading/ Subheading | Stat. Suf-fix | Article Description | Unit of Quantity | Rates of Duty 1 General | Rates of Duty 1 Special | Rates of Duty 2 |
|---|---|---|---|---|---|---|
| 8531 | | Electric sound or visual signaling apparatus (for example, bells, sirens, indicator panels, burglar or fire alarms), other than those of heading 8512 or 8530; parts thereof: | | | | |
| 8531.10.00 | | Burglar or fire alarms and similar apparatus | | 1.3%[18/] | Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| | | Smoke detectors: | | | | |
| | 15 | Battery powered | No. | | | |
| | 25 | Other | No. | | | |
| | | Other: | | | | |
| | 35 | Burglar alarms | No. | | | |
| | 45 | Other | No. | | | |
| 8531.20.00 | | Indicator panels incorporating liquid crystal devices (LCD's) or light emitting diodes (LED) | | Free[18/] | | 35% |
| | 20 | Incorporating LCD's | No. | | | |
| | 40 | Other | No. | | | |
| 8531.80 | | Other apparatus: | | | | |
| 8531.80.15 | 00 | Doorbells, chimes, buzzers and similar apparatus | kg | 1.3%[45/] | Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| 8531.80.90 | | Other | | Free[31/] | | 35% |
| | | Indicator panels: | | | | |
| | 05 | Incorporating electric discharge (fluorescent) devices | No. | | | |
| | 26 | Other | No. | | | |
| | 31 | Horns | No. | | | |
| | 41 | Other sound signaling apparatus | No. | | | |
| | 51 | Other | No. | | | |
| 8531.90 | | Parts: | | | | |
| | | Printed circuit assemblies: | | | | |
| 8531.90.15 | 00 | Of the panels of subheading 8531.20 | No. | Free[18/] | | 35% |
| 8531.90.30 | 00 | Other | No. | Free[18/] | | 35% |
| | | Other: | | | | |
| 8531.90.75 | 00 | Of the panels of subheading 8531.20 | No. | Free[18/] | | 35% |
| 8531.90.90 | 01 | Other[55/] | No. | Free[18/] | | 35% |

| Heading/ Subheading | Stat. Suf- fix | Article Description | Unit of Quantity | Rates of Duty 1 General | Rates of Duty 1 Special | Rates of Duty 2 |
|---|---|---|---|---|---|---|
| 8532 | | Electrical capacitors, fixed, variable or adjustable (pre-set); parts thereof: | | | | |
| 8532.10.00 | 00 | Fixed capacitors designed for use in 50/60 Hz circuits and having a reactive power handling capacity of not less than 0.5 kvar (power capacitors)[32/] | No. | Free[3/] | | 35% |
| | | Other fixed capacitors: | | | | |
| 8532.21.00 | | Tantalum | | Free[3/] | | 35% |
| | 20 | Metal case | No. | | | |
| | | Other: | | | | |
| | 40 | Dipped | No. | | | |
| | 50 | Designed for surface mounting (SMD) by contact[32/] | No. | | | |
| | 80 | Other | No. | | | |
| 8532.22.00 | | Aluminum electrolytic | | Free[3/] | | 35% |
| | 20 | Not exceeding 18 mm in diameter[67/] | No. | | | |
| | 40 | Exceeding 18 mm but not exceeding 35 mm in diameter[67/] | No. | | | |
| | 55 | Exceeding 35 mm but not exceeding 51 mm in diameter[68/] | No. | | | |
| | 85 | Exceeding 51 mm in diameter[67/27/] | No. | | | |
| 8532.23.00 | | Ceramic dielectric, single layer | | Free[3/] | | 35% |
| | 20 | Chips | No. | | | |
| | | Other: | | | | |
| | 40 | Axial leads | No. | | | |
| | 60 | Radial leads | No. | | | |
| 8532.24.00 | | Ceramic dielectric, multilayer | | Free[3/] | | 35% |
| | 20 | Chips[13/] | No. | | | |
| | | Other: | | | | |
| | 40 | Axial leads | No. | | | |
| | 60 | Radial leads | No. | | | |
| 8532.25.00 | | Dielectric of paper or plastics | | Free[3/] | | 35% |
| | | Alternating current (AC) service: | | | | |
| | 10 | Less than 300 V[5/] | No. | | | |
| | 20 | 300 V or greater, but less than 600 V[5/] | No. | | | |
| | 30 | 600 V or greater, but less than 1,000 V | No. | | | |
| | 40 | 1,000 V or greater | No. | | | |
| | | Other: | | | | |
| | | Leadless: | | | | |
| | 45 | Designed for surface mounting (SMD) by contact | No. | | | |
| | 55 | Other | No. | | | |
| | 60 | Axial leads | No. | | | |
| | 70 | Radial leads | No. | | | |
| | 80 | Other[5/] | No. | | | |
| 8532.29.00 | | Other | | Free[3/] | | 35% |
| | 20 | Mica dielectric | No. | | | |
| | 40 | Other[5/] | No. | | | |
| 8532.30.00 | | Variable or adjustable (pre-set) capacitors | | Free[3/] | | 35% |
| | 10 | Mica, ceramic or glass dielectric | No. | | | |
| | 90 | Other[5/] | No. | | | |

| Heading/ Subheading | Stat. Suf- fix | Article Description | Unit of Quantity | Rates of Duty 1 General | Rates of Duty 1 Special | Rates of Duty 2 |
|---|---|---|---|---|---|---|
| 8532 (con.) | | Electrical capacitors, fixed, variable or adjustable (pre-set); parts thereof: (con.) | | | | |
| 8532.90.00 | 00 | Parts | No. | Free[3/] | | 35% |

| Heading/ Subheading | Stat. Suf- fix | Article Description | Unit of Quantity | Rates of Duty 1 General | Rates of Duty 1 Special | Rates of Duty 2 |
|---|---|---|---|---|---|---|
| 8533 | | Electrical resistors (including rheostats and potentiometers), other than heating resistors; parts thereof: | | | | |
| 8533.10.00 | | Fixed carbon resistors, composition or film types | | Free[3/] | | 35% |
| | | Designed for surface mounting (SMD) by contact: | | | | |
| | 20 | Having more than two terminals (resistor networks) | No. | | | |
| | 42 | Having two terminals | No. | | | |
| | 57 | Having more than two leads (resistor networks) | No. | | | |
| | | Other: | | | | |
| | 60 | Carbon composition | No. | | | |
| | 65 | Carbon film[25/] | No. | | | |
| | | Other fixed resistors: | | | | |
| 8533.21.00 | | For a power handling capacity not exceeding 20 W | | Free[3/] | | 35% |
| | | Designed for surface mounting (SMD) by contact: | | | | |
| | | Having more than two terminals (resistor networks): | | | | |
| | 10 | Dual-in-line package | No. | | | |
| | 20 | Other (including flat packs) | No. | | | |
| | | Having two terminals: | | | | |
| | 30 | Flat resistor chips | No. | | | |
| | 40 | Cylindrical leadless resistors (including metal film, metal oxide and thick cement film) | No. | | | |
| | | Having more than two leads (resistor networks): | | | | |
| | 50 | Single-in-line | No. | | | |
| | 60 | Dual-in-line | No. | | | |
| | 70 | Other | No. | | | |
| | | Other: | | | | |
| | 80 | Wirewound[25/] | No. | | | |
| | 90 | Other (including metal film, metal oxide and thick cement film)[25/] | No. | | | |
| 8533.29.00 | 00 | Other | No. | Free[3/] | | 35% |
| | | Wirewound variable resistors, including rheostats and potentiometers: | | | | |
| 8533.31.00 | 00 | For a power handling capacity not exceeding 20 W | No. | Free[3/] | | 35% |
| 8533.39.00 | | Other | | Free[18/] | | 35% |
| | 40 | Dimmers | No. | | | |
| | 80 | Other | No. | | | |
| 8533.40 | | Other variable resistors, including rheostats and potentiometers: | | | | |
| 8533.40.40 | 00 | Metal oxide varistors[5/] | No. | Free[3/] | | 35% |
| 8533.40.80 | | Other | | Free[3/] | | 35% |
| | 40 | Rheostat and resistor type motor starters and controllers[25/] | No. | | | |
| | | Other: | | | | |
| | 50 | Cermet | No. | | | |
| | 60 | Metal glaze | No. | | | |
| | 70 | Other[5/] | No. | | | |
| 8533.90 | | Parts: | | | | |
| 8533.90.40 | 00 | For the goods of subheading 8533.40, of ceramic or metallic materials, electrically or mechanically reactive to changes in temperature | No. | Free[2/] | | 35% |
| 8533.90.80 | 00 | Other | No. | Free[3/] | | 35% |

| Heading/ Subheading | Stat. Suf- fix | Article Description | Unit of Quantity | Rates of Duty 1 General | Rates of Duty 1 Special | Rates of Duty 2 |
|---|---|---|---|---|---|---|
| 8534.00.00 | | Printed circuits | ..... | Free[18/] | | 35% |
| | | Plastics impregnated, not flexible type: | | | | |
| | | Having a base wholly of impregnated glass: | | | | |
| | 20 | With 3 or more layers of conducting materials | No. | | | |
| | 40 | Other[55/] | No. | | | |
| | 50 | Having a base wholly of impregnated paper | No. | | | |
| | 70 | Other | No. | | | |
| | | Other: | | | | |
| | 80 | Flexible type | No. | | | |
| | 85 | Other, having a ceramic base | No. | | | |
| | 95 | Other | No. | | | |

| Heading/ Subheading | Stat. Suf-fix | Article Description | Unit of Quantity | Rates of Duty 1 General | Rates of Duty 1 Special | Rates of Duty 2 |
|---|---|---|---|---|---|---|
| 8535 | | Electrical apparatus for switching or protecting electrical circuits, or for making connections to or in electrical circuits (for example, switches, fuses, lightning arresters, voltage limiters, surge suppressors, plugs and other connectors, junction boxes), for a voltage exceeding 1,000 V: | | | | |
| 8535.10.00 | | Fuses | | 2.7%[3/] | Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| | 20 | In circuits of 2,300 V or more | No. | | | |
| | 40 | Other | No. | | | |
| | | Automatic circuit breakers: | | | | |
| 8535.21.00 | 00 | For a voltage of less than 72.5 kV | No | 2.7%[3/] | Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| 8535.29.00 | | Other | | 2%[3/] | Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, JP, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| | 20 | In circuits of 345 kV or more | No. | | | |
| | 40 | Other | No. | | | |
| 8535.30.00 | | Isolating switches and make-and-break switches | | 2.7%[3/] | Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| | 40 | Knife | No. | | | |
| | 80 | Other | No. | | | |
| 8535.40.00 | 00 | Lightning arresters, voltage limiters and surge suppressors | No | 2.7%[18/] | Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| 8535.90 | | Other: | | | | |
| 8535.90.40 | 00 | Motor starters and motor overload protectors | No | 2.7%[3/] | Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| 8535.90.80 | | Other | | 2.7%[3/] | Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| | 20 | Terminals, electrical splices and electrical couplings | No. | | | |
| | 40 | Other connectors | No. | | | |
| | 60 | Other | No. | | | |

| Heading/ Subheading | Stat. Suf- fix | Article Description | Unit of Quantity | Rates of Duty 1 General | Rates of Duty 1 Special | Rates of Duty 2 |
|---|---|---|---|---|---|---|
| 8536 | | Electrical apparatus for switching or protecting electrical circuits, or for making connections to or in electrical circuits (for example, switches, relays, fuses, surge suppressors, plugs, sockets, lamp-holders and other connectors, junction boxes), for a voltage not exceeding 1,000 V; connectors for optical fibers, optical fiber bundles or cables: | | | | |
| 8536.10.00 | | Fuses | | 2.7%[3/] | Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| | 20 | Glass cartridge | No. | | | |
| | 40 | Other | No. | | | |
| 8536.20.00 | | Automatic circuit breakers | | 2.7%[3/] | Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| | 20 | Molded case | No. | | | |
| | 40 | Other | No. | | | |
| 8536.30 | | Other apparatus for protecting electrical circuits: | | | | |
| 8536.30.40 | 00 | Motor overload protectors[13/] | No | Free[3/] | | 35% |
| 8536.30.80 | 00 | Other[8/] | No | Free[69/] | | 35% |
| | | Relays: | | | | |
| 8536.41.00 | | For a voltage not exceeding 60 V | | 2.7%[3/] | Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| | 05 | Automotive signaling flashers | No. | | | |
| | | Other: | | | | |
| | | With contacts rated at less than 10 A: | | | | |
| | 20 | Electromechanical | No. | | | |
| | 30 | Other | No. | | | |
| | | Other: | | | | |
| | 45 | Contactors[27/] | No. | | | |
| | | Other: | | | | |
| | 50 | Electromechanical[70/] | No. | | | |
| | 60 | Other | No. | | | |
| 8536.49.00 | | Other | | 2.7%[3/] | Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| | | With contacts rated at less than 10 A: | | | | |
| | 50 | Electromechanical | No. | | | |
| | 55 | Other | No. | | | |
| | | Other: | | | | |
| | 65 | Contactors[5/] | No. | | | |
| | | Other: | | | | |
| | 75 | Electromechanical[40/] | No. | | | |
| | 80 | Other | No. | | | |

| Heading/ Subheading | Stat. Suf-fix | Article Description | Unit of Quantity | Rates of Duty 1 General | Rates of Duty 1 Special | Rates of Duty 2 |
|---|---|---|---|---|---|---|
| 8536 (con.) | | Electrical apparatus for switching or protecting electrical circuits, or for making connections to or in electrical circuits (for example, switches, relays, fuses, surge suppressors, plugs, sockets, lamp-holders and other connectors, junction boxes), for a voltage not exceeding 1,000 V; connectors for optical fibers, optical fiber bundles or cables: (con.) | | | | |
| 8536.50 | | Other switches: | | | | |
| 8536.50.40 | 00 | Motor starters[5/] | No | Free[3/] | | 35% |
| | | Other: | | | | |
| 8536.50.70 | 00 | Electronic AC switches consisting of optically coupled input and output circuits (insulated thyristor AC switches); electronic switches, including temperature protected switches, consisting of a transistor and a logic chip (chip-on-chip technology); electromechanical snap-action switches for a current not exceeding 11 amps[30/] | No | Free[2/] | | 35% |
| 8536.50.90 | | Other | | Free[3/] | | 35% |
| | | Rotary: | | | | |
| | 20 | Rated at not over 5 A[13/] | No. | | | |
| | 25 | Rated at over 5 A[32/] | No. | | | |
| | | Push-button: | | | | |
| | | Rated at not over 5 A | | | | |
| | 31 | Momentary contact[27/] | No. | | | |
| | 32 | Other, gang switches | No. | | | |
| | 33 | Other[25/] | No. | | | |
| | 35 | Rated at over 5 A[71/] | No. | | | |
| | 40 | Snap-action, other than limit[72/] | No. | | | |
| | 45 | Knife | No. | | | |
| | 50 | Slide | No. | | | |
| | 55 | Limit[5/] | No. | | | |
| | 65 | Other[73/] | No. | | | |
| | | Lamp-holders, plugs and sockets: | | | | |
| 8536.61.00 | 00 | Lamp-holders | No | 2.7%[74/] | Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| 8536.69 | | Other: | | | | |
| 8536.69.40 | | Coaxial connectors; cylindrical multicontact connectors; rack and panel connectors; printed circuit connectors; ribbon or flat cable connectors | | Free[3/] | | 35% |
| | 10 | Coaxial connectors[13/] | No. | | | |
| | 20 | Cylindrical multicontact connectors[5/] | No. | | | |
| | 30 | Rack and panel connectors | No. | | | |
| | 40 | Printed circuit connectors[5/] | No. | | | |
| | 51 | Ribbon or flat cable connectors | No. | | | |
| 8536.69.80 | 00 | Other | No | 2.7%[18/] | Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| 8536.70.00 | 00 | Connectors for optical fibers, optical fiber bundles or cables | No | Free[2/] | | 45% |

| Heading/ Subheading | Stat. Suf-fix | Article Description | Unit of Quantity | Rates of Duty 1 General | Rates of Duty 1 Special | Rates of Duty 2 |
|---|---|---|---|---|---|---|
| 8536 (con.) | | Electrical apparatus for switching or protecting electrical circuits, or for making connections to or in electrical circuits (for example, switches, relays, fuses, surge suppressors, plugs, sockets, lamp-holders and other connectors, junction boxes), for a voltage not exceeding 1,000 V; connectors for optical fibers, optical fiber bundles or cables: (con.) | | | | |
| 8536.90 | | Other apparatus: | | | | |
| 8536.90.40 | 00 | Terminals, electrical splices and electrical couplings; wafer probers[75/] | No | Free[3/] | | 35% |
| 8536.90.60 | 00 | Battery clamps of a kind used in motor vehicles of heading 8702, 8703, 8704 or 8711 | No | 2.7%[31/] | Free (A*, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| 8536.90.85 | | Other | | Free[3/] | | 35% |
| | 10 | Electrical distribution ducts | kg | | | |
| | 30 | Junction boxes[5/] | No. | | | |
| | 85 | Other | No. | | | |

| Heading/ Subheading | Stat. Suf- fix | Article Description | Unit of Quantity | Rates of Duty 1 General | Rates of Duty 1 Special | Rates of Duty 2 |
|---|---|---|---|---|---|---|
| 8537 | | Boards, panels, consoles, desks, cabinets and other bases, equipped with two or more apparatus of heading 8535 or 8536, for electric control or the distribution of electricity, including those incorporating instruments or apparatus of chapter 90, and numerical control apparatus, other than switching apparatus of heading 8517: | | | | |
| 8537.10 | | For a voltage not exceeding 1,000 V: | | | | |
| 8537.10.30 | 00 | Assembled with outer housing or supports, for the goods of headings 8421, 8422, 8450 or 8516[19/] | No | 2.7%[2/] | Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| 8537.10.60 | 00 | Motor control centers | No | 2.7%[3/] | Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| | | Other: | | | | |
| 8537.10.80 | 00 | Touch-sensitive data input devices (so-called "touch screens") without display capabilities, for incorporation into apparatus having a display, which function by detecting the presence and location of a touch within the display area (such sensing may be obtained by means of resistance, electrostatic capacity, acoustic pulse recognition, infra-red lights or other touch-sensitive technology)[70/] | No | Free[3/] | | 35% |
| 8537.10.91 | | Other | | 2.7%[76/] | Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| | 20 | Switchgear assemblies and switchboards | No. | | | |
| | 30 | Numerical controls for controlling machine tools | No. | | | |
| | | Other: | | | | |
| | 50 | Panel boards and distribution boards | No. | | | |
| | 60 | Programmable controllers[55/] | No. | | | |
| | 70 | Other[77/] | No. | | | |
| 8537.20.00 | | For a voltage exceeding 1,000 V | | 2.7%[3/] | Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| | 20 | Switchgear assemblies and switchboards | No. | | | |
| | 40 | Other | No. | | | |

| Heading/ Subheading | Stat. Suf-fix | Article Description | Unit of Quantity | Rates of Duty 1 General | Rates of Duty 1 Special | Rates of Duty 2 |
|---|---|---|---|---|---|---|
| 8538 | | Parts suitable for use solely or principally with the apparatus of heading 8535, 8536 or 8537: | | | | |
| 8538.10.00 | 00 | Boards, panels, consoles, desks, cabinets and other bases for the goods of heading 8537, not equipped with their apparatus[25/] | No | Free[3/] | | 35% |
| 8538.90 | | Other: | | | | |
| | | Printed circuit assemblies: | | | | |
| 8538.90.10 | 00 | Of an article of heading 8537 for one of the articles described in additional U.S. note 11 to chapter 85 | No | Free[18/] | | 35% |
| 8538.90.30 | 00 | Other | No | 3.5%[78/] | Free (A, AU, B, BH, CA, CL, CO, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)<br>0.5% (JP) | 35% |
| 8538.90.40 | 00 | Other, for the articles of subheading 8535.90.40, 8536.30.40 or 8536.50.40, of ceramic or metallic materials, electrically or mechanically reactive to changes in temperature | No | 3.5%[3/] | Free (A, AU, B, BH, CA, CL, CO, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| | | Other: | | | | |
| 8538.90.60 | 00 | Molded parts[79/32/] | kg | 3.5%[3/] | Free (A, AU, B, BH, CA, CL, CO, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)<br>0.5% (JP) | 35% |
| 8538.90.81 | | Other | | 3.5%[3/] | Free (A*, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)<br>0.5% (JP) | 35% |
| | 20 | Of automatic circuit breakers[27/] | No. | | | |
| | | Other: | | | | |
| | 40 | Metal contacts | kg | | | |
| | 60 | Other parts of switchgear, switchboards, panel boards and distribution boards | No. | | | |
| | 80 | Other | No. | | | |

| Heading/ Subheading | Stat. Suf-fix | Article Description | Unit of Quantity | Rates of Duty 1 General | Rates of Duty 1 Special | Rates of Duty 2 |
|---|---|---|---|---|---|---|
| 8539 | | Electrical filament or discharge lamps, including sealed beam lamp units and ultraviolet or infrared lamps; arc lamps; light-emitting diode (LED) lamps; parts thereof: | | | | |
| 8539.10.00 | | Sealed beam lamp units | | 2%[18/] | Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 20% |
| | | Under 15.24 cm: | | | | |
| | 10 | For the vehicles of subheading 8701.20 or heading 8702, 8703, 8704, 8705 or 8711 | No. | | | |
| | 30 | Other | No. | | | |
| | | 15.24 cm or over: | | | | |
| | 50 | For the vehicles of subheading 8701.20 or heading 8702, 8703, 8704, 8705 or 8711 | No. | | | |
| | 60 | Other | No. | | | |
| | | Other filament lamps, excluding ultraviolet or infrared lamps: | | | | |
| 8539.21 | | Tungsten halogen: | | | | |
| 8539.21.20 | | Designed for a voltage not exceeding 100 V | | Free[18/] | | 20% |
| | 40 | For the vehicles of subheading 8701.20 or heading 8702, 8703, 8704, 8705 or 8711 | No. | | | |
| | 80 | Other | No. | | | |
| 8539.21.40 | | Other | | 2.6%[18/] | Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 20% |
| | 40 | Of a power less than 500 W | No. | | | |
| | 80 | Of a power 500 W or more | No. | | | |
| 8539.22 | | Other, of a power not exceeding 200 W and for a voltage exceeding 100 V: | | | | |
| 8539.22.40 | 00 | Christmas-tree lamps | No | 5.8%[45/] | Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 20% |
| 8539.22.80 | | Other | | 2.6%[45/] | Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 20% |
| | | Of a power not exceeding 150 W: | | | | |
| | 10 | 3-way | No. | | | |
| | 30 | Decorative | No. | | | |
| | | Other, including standard household: | | | | |
| | 40 | Of a power 15 W or more but not exceeding 150 W | No. | | | |
| | 60 | Other | No. | | | |
| | 70 | Of a power exceeding 150 W | No. | | | |

| Heading/ Subheading | Stat. Suf-fix | Article Description | Unit of Quantity | Rates of Duty 1 General | Rates of Duty 1 Special | Rates of Duty 2 |
|---|---|---|---|---|---|---|
| 8539 (con.) | | Electrical filament or discharge lamps, including sealed beam lamp units and ultraviolet or infrared lamps; arc lamps; light-emitting diode (LED) lamps; parts thereof: (con.) | | | | |
| | | Other filament lamps, excluding ultraviolet or infrared lamps: (con.) | | | | |
| 8539.29 | | Other: | | | | |
| | | Designed for a voltage not exceeding 100 V: | | | | |
| 8539.29.10 | 00 | Christmas-tree lamps | No. | 5.8%[45/] | Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) 2.9% (JP) | 20% |
| 8539.29.20 | 00 | Lamps having glass envelopes not over 6.35 mm in maximum diameter and suitable for use in cystoscopes and other surgical instruments | No. | 5.2%[31/] | Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) 2.6% (JP) | 55% |
| 8539.29.30 | | Other | | Free[31/] | | 20% |
| | 20 | Flashlight lamps | No. | | | |
| | | Other: | | | | |
| | 50 | Designed for a voltage of 12 V or more but not exceeding 14 V | No. | | | |
| | 60 | Other | No. | | | |
| 8539.29.40 | 00 | Designed for a voltage exceeding 100 V | No. | 2.6%[31/] | Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, JP, KR, MA, MX, OM, P, PA, PE, SG) | 20% |
| | | Discharge lamps, other than ultraviolet lamps: | | | | |
| 8539.31.00 | | Fluorescent, hot cathode | | 2.4%[18/] | Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 20% |
| | 40 | 1.2 m, straight tube, of a power 30 W or more but not exceeding 40 W | No. | | | |
| | | Other: | | | | |
| | 50 | With a single plug-in base | No. | | | |
| | 60 | With a single screw-in base | No. | | | |
| | 70 | Other | No. | | | |
| 8539.32.00 | | Mercury or sodium vapor lamps; metal halide lamps | | 2.4%[18/] | Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 20% |
| | 20 | Sodium vapor | No. | | | |
| | 40 | Mercury vapor | No. | | | |
| | 90 | Other | No. | | | |
| 8539.39 | | Other: | | | | |
| 8539.39.10 | 00 | Cold-cathode fluorescent lamps (CCFLs) for backlighting of flat panel displays | No. | Free[18/] | | 20% |

| Heading/ Subheading | Stat. Suf- fix | Article Description | Unit of Quantity | Rates of Duty 1 General | Rates of Duty 1 Special | Rates of Duty 2 |
|---|---|---|---|---|---|---|
| 8539 (con.) | | Electrical filament or discharge lamps, including sealed beam lamp units and ultraviolet or infrared lamps; arc lamps; light-emitting diode (LED) lamps; parts thereof: (con.) | | | | |
| | | Discharge lamps, other than ultraviolet lamps: (con.) | | | | |
| 8539.39 (con.) | | Other: (con.) | | | | |
| 8539.39.90 | 00 | Other[34/] | No | 2.4%[18/] | Free (A, AU, BH, CA, CL, CO, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 20% |

| Heading/ Subheading | Stat. Suf-fix | Article Description | Unit of Quantity | Rates of Duty 1 General | Rates of Duty 1 Special | Rates of Duty 2 |
|---|---|---|---|---|---|---|
| 8539 (con.) | | Electrical filament or discharge lamps, including sealed beam lamp units and ultraviolet or infrared lamps; arc lamps; light-emitting diode (LED) lamps; parts thereof: (con.) | | | | |
| | | Ultraviolet or infrared lamps; arc lamps: | | | | |
| 8539.41.00 | 00 | Arc lamps | No. | 2.6%[3/] | Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| 8539.49.00 | | Other | | 2.4%[80/] | Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| | 40 | Ultraviolet lamps[49/] | No. | | | |
| | 80 | Other | No. | | | |
| 8539.50.00 | | Light-emitting diode (LED) lamps | | 2%[45/] | Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 20% |
| | 10 | Of a type specified in statistical note 8(a) to this chapter | No. | | | |
| | 20 | Of a type specified in statistical note 8(b) to this chapter | No. | | | |
| | 30 | Of a type specified in statistical note 8(c) to this chapter | No. | | | |
| | 40 | Of a type specified in statistical note 8(d) to this chapter | No. | | | |
| | 50 | Straight linear tube | No. | | | |
| | 90 | Other | No. | | | |
| 8539.90.00 | 00 | Parts[12/] | No. | 2.6%[3/] | Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |

| Heading/ Subheading | Stat. Suf-fix | Article Description | Unit of Quantity | Rates of Duty 1 General | Rates of Duty 1 Special | Rates of Duty 2 |
|---|---|---|---|---|---|---|
| 8540 | | Thermionic, cold cathode or photocathode tubes (for example, vacuum or vapor or gas filled tubes, mercury arc rectifying tubes, cathode-ray tubes, television camera tubes); parts thereof: | | | | |
| | | Cathode-ray television picture tubes, including video monitor cathode-ray tubes: | | | | |
| 8540.11 | | Color: | | | | |
| 8540.11.10 | | Non-high definition, non-projection, having a video display diagonal exceeding 35.56 cm | ..... | 15%[18/] | Free (A+, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 60% |
| | | Having a video display diagonal: | | | | |
| | 30 | Not exceeding 39 cm | No. | | | |
| | 40 | Exceeding 39 cm but not exceeding 45 cm | No. | | | |
| | 50 | Exceeding 45 cm but not exceeding 50 cm | No. | | | |
| | 55 | Exceeding 50 cm but not exceeding 63 cm | No. | | | |
| | 85 | Exceeding 63 cm | No. | | | |
| | | Non-high definition, non-projection, having a video display diagonal not exceeding 35.56 cm: | | | | |
| 8540.11.24 | 01 | Having a video display diagonal not exceeding 34.29 cm | No | 7.5%[18/] | Free (A+, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 60% |
| 8540.11.28 | 01 | Other | No | 15%[18/] | Free (A+, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 60% |
| 8540.11.30 | 00 | High definition, having a video display diagonal exceeding 35.56 cm | No | 15%[18/] | Free (A+, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 60% |
| | | High definition, having a video display diagonal not exceeding 35.56 cm: | | | | |
| 8540.11.44 | 01 | Having a video display diagonal not exceeding 34.29 cm | No | 7.5%[18/] | Free (A+, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 60% |
| 8540.11.48 | 01 | Other | No | 15%[18/] | Free (A+, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 60% |
| 8540.11.50 | 00 | Other | No | 15%[18/] | Free (A+, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 60% |

| Heading/ Subheading | Stat. Suf-fix | Article Description | Unit of Quantity | Rates of Duty 1 General | Rates of Duty 1 Special | Rates of Duty 2 |
|---|---|---|---|---|---|---|
| 8540 (con.) | | Thermionic, cold cathode or photocathode tubes (for example, vacuum or vapor or gas filled tubes, mercury arc rectifying tubes, cathode-ray tubes, television camera tubes); parts thereof: (con.) | | | | |
| | | Cathode-ray television picture tubes, including video monitor cathode-ray tubes: (con.) | | | | |
| 8540.12 | | Monochrome: | | | | |
| | | Television picture tubes having a straight line dimension across the faceplate greater than 29 cm but having no straight line dimension across the faceplate that exceeds 42 cm: | | | | |
| 8540.12.10 | 00 | Non-high definition | No | 3.6%[18/] | Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 60% |
| 8540.12.20 | 00 | High definition | No | 3.6%[18/] | Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 60% |
| | | Other: | | | | |
| 8540.12.50 | | Non-high definition | | 3.3%[18/] | Free (A+, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 60% |
| | 40 | Projection | No. | | | |
| | 80 | Other | No. | | | |
| 8540.12.70 | 00 | High definition | No | 3.3%[18/] | Free (A+, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 60% |
| 8540.20 | | Television camera tubes; image converters and intensifiers; other photocathode tubes: | | | | |
| 8540.20.20 | | Cathode-ray tubes | | 6%[18/] | Free (A+, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| | 40 | Color | No. | | | |
| | 80 | Other | No. | | | |
| 8540.20.40 | 00 | Other | No | 3.3%[18/] | Free (A+, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| 8540.40.10 | | Data/graphic display tubes, monochrome; data/graphic display tubes, color, with a phosphor dot screen pitch smaller than 0.4 mm | | 3%[81/] | Free (A+, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| | 10 | Color | No. | | | |
| | 50 | Other | No. | | | |

| Heading/ Subheading | Stat. Suf-fix | Article Description | Unit of Quantity | Rates of Duty 1 General | Rates of Duty 1 Special | Rates of Duty 2 |
|---|---|---|---|---|---|---|
| 8540 (con.) | | Thermionic, cold cathode or photocathode tubes (for example, vacuum or vapor or gas filled tubes, mercury arc rectifying tubes, cathode-ray tubes, television camera tubes); parts thereof: (con.) | | | | |
| 8540.60.00 | | Other cathode-ray tubes | | 3%[18/] | Free (A+, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| | | Having a video display diagonal: | | | | |
| | 20 | Not exceeding 30 cm | No. | | | |
| | 65 | Exceeding 30 cm but not exceeding 36 cm | No. | | | |
| | 80 | Exceeding 36 cm | No. | | | |
| | | Microwave tubes (for example, magnetrons, klystrons, traveling wave tubes, carcinotrons), excluding grid-controlled tubes: | | | | |
| 8540.71 | | Magnetrons: | | | | |
| 8540.71.20 | 00 | Modified for use as parts of microwave ovens | No. | Free[18/] | | 35% |
| 8540.71.40 | 00 | Other | No. | 3.7%[18/] | Free (A+, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| 8540.79 | | Other: | | | | |
| 8540.79.10 | 00 | Klystrons | No. | 3.3%[3/] | Free (A+, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| 8540.79.20 | 00 | Other | No. | 3.7%[3/] | Free (A+, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| | | Other tubes: | | | | |
| 8540.81.00 | 00 | Receiver or amplifier tubes | No. | 4.2%[18/] | Free (A+, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| 8540.89.00 | | Other | | 3.7%[3/] | Free (A+, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| | 20 | Gas and vapor electron tubes | No. | | | |
| | 40 | Diodes, triodes and tetrodes | No. | | | |
| | 60 | Light-sensing tubes | No. | | | |
| | 80 | Other | No. | | | |

| Heading/ Subheading | Stat. Suf-fix | Article Description | Unit of Quantity | Rates of Duty 1 General | Rates of Duty 1 Special | Rates of Duty 2 |
|---|---|---|---|---|---|---|
| 8540 (con.) | | Thermionic, cold cathode or photocathode tubes (for example, vacuum or vapor or gas filled tubes, mercury arc rectifying tubes, cathode-ray tubes, television camera tubes); parts thereof: (con.) | | | | |
| | | Parts: | | | | |
| 8540.91 | | Of cathode-ray tubes: | | | | |
| 8540.91.15 | 00 | Front panel assemblies | No. | 5.4%[18/] | Free (A+, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| 8540.91.20 | 00 | Deflection coils | No. | Free[18/] | | 35% |
| 8540.91.50 | 00 | Other | kg | 5.4%[18/] | Free (A+, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| 8540.99 | | Other: | | | | |
| 8540.99.40 | 00 | Electron guns; radio frequency (RF) interaction structures for microwave tubes of subheadings 8540.71 through 8540.79, inclusive | No. | Free[18/] | | 35% |
| 8540.99.80 | 00 | Other | No. | Free[18/] | | 35% |
| 8541 | | Diodes, transistors and similar semiconductor devices; photosensitive semiconductor devices, including photovoltaic cells whether or not assembled in modules or made up into panels; light-emitting diodes (LED); mounted piezoelectric crystals; parts thereof: | | | | |
| 8541.10.00 | | Diodes, other than photosensitive or light-emitting diodes (LED) | | Free[2/] | | 35% |
| | 40 | Unmounted chips, dice and wafers | No. | | | |
| | | Other: | | | | |
| | 50 | Zener[19/] | No. | | | |
| | 60 | Microwave | No. | | | |
| | | Other: | | | | |
| | 70 | With a maximum current of 0.5 A or less | No. | | | |
| | 80 | Other[30/] | No. | | | |
| | | Transistors, other than photosensitive transistors: | | | | |
| 8541.21.00 | | With a dissipation rate of less than 1 W | | Free[3/] | | 35% |
| | 40 | Unmounted chips, dice and wafers | No. | | | |
| | | Other: | | | | |
| | 75 | With an operating frequency not less than 100 MHz[5/] | No. | | | |
| | 95 | Other[5/] | No. | | | |
| 8541.29.00 | | Other | | Free[3/] | | 35% |
| | 40 | Unmounted chips, dice and wafers | No. | | | |
| | | Other: | | | | |
| | 75 | With an operating frequency not less than 30 MHz | No. | | | |
| | 95 | Other[5/] | No. | | | |
| 8541.30.00 | | Thyristors, diacs and triacs, other than photosensitive devices | | Free[3/] | | 35% |
| | 40 | Unmounted chips, dice and wafers | No. | | | |
| | 80 | Other | No. | | | |

| Heading/ Subheading | Stat. Suf-fix | Article Description | Unit of Quantity | Rates of Duty 1 General | Rates of Duty 1 Special | Rates of Duty 2 |
|---|---|---|---|---|---|---|
| 8541 (con.) | | Diodes, transistors and similar semiconductor devices; photosensitive semiconductor devices, including photovoltaic cells whether or not assembled in modules or made up into panels; light-emitting diodes (LED); mounted piezoelectric crystals; parts thereof: (con.) | | | | |
| 8541.40 | | Photosensitive semiconductor devices, including photovoltaic cells whether or not assembled in modules or made up into panels; light-emitting diodes (LED): | | | | |
| 8541.40.20 | 00 | Light-emitting diodes (LED) | No | Free[3/] | | 20% |
| 8541.40.60 | | Other diodes | | Free[82/] | | 35% |
| | 10 | Unmounted chips, dice and wafers | No. | | | |
| | | Other: | | | | |
| | | Solar cells: | | | | |
| | | Crystalline silicon photovoltaic cells of a kind described in statistical note 11 to this chapter | | | | |
| | 15 | Assembled into modules or made up into panels:[9/] | No. W | | | |
| | 25 | Other | No. W | | | |
| | | Other: | | | | |
| | 35 | Assembled into modules or made up into panels[9/] | No. W | | | |
| | 45 | Other | No W | | | |
| | 50 | Other | No. | | | |
| 8541.40.70 | | Transistors | | Free[3/] | | 35% |
| | 40 | Unmounted chips, dice and wafers | No. | | | |
| | 80 | Other | No. | | | |
| | | Other: | | | | |
| 8541.40.80 | 00 | Optical coupled isolators | No | Free[3/] | | 35% |
| 8541.40.95 | 00 | Other | No | Free[3/] | | 35% |
| 8541.50.00 | | Other semiconductor devices | | Free[3/] | | 35% |
| | 40 | Unmounted chips, dice and wafers | No. | | | |
| | 80 | Other | No. | | | |
| 8541.60.00 | | Mounted piezoelectric crystals | | Free[3/] | | 35% |
| | | Quartz designed for operating frequencies of: | | | | |
| | 10 | 32.768 kHz | No. | | | |
| | 20 | Not exceeding 1 MHz, except 32.768 kHz | No. | | | |
| | 30 | Exceeding 1 MHz, but not exceeding 5 MHZ | No. | | | |
| | 50 | Exceeding 5 MHZ, but not exceeding 20 MHz | No. | | | |
| | 60 | Exceeding 20 MHZ[5/] | No. | | | |
| | 80 | Other | No. | | | |
| 8541.90.00 | 00 | Parts | No | Free[3/] | | 35% |

| Heading/ Subheading | Stat. Suf- fix | Article Description | Unit of Quantity | Rates of Duty 1 General | Rates of Duty 1 Special | Rates of Duty 2 |
|---|---|---|---|---|---|---|
| 8542 | | Electronic integrated circuits; parts thereof: | | | | |
| | | Electronic integrated circuits: | | | | |
| 8542.31.00 | 01 | Processors and controllers, whether or not combined with memories, converters, logic circuits, amplifiers, clock and timing circuits, or other circuits[1/] | No | Free[2/] | | 35% |
| 8542.32.00 | | Memories | | Free[2/] | | 35% |
| | | Dynamic read-write random access (DRAM): | | | | |
| | 02 | Not over 128 megabits | No. | | | |
| | 24 | Over 128 megabits but not over 256 megabits | No. | | | |
| | 28 | Over 256 megabits but not over 512 megabits | No. | | | |
| | 32 | Over 512 megabits but not over 1 gigabit | No. | | | |
| | 36 | Over 1 gigabit | No. | | | |
| | 41 | Static read-write random access (SRAM) | No. | | | |
| | 51 | Electrically erasable programmable read-only memory (EEPROM) | No. | | | |
| | 61 | Erasable (except electrically) programmable read-only memory (EPROM) | No. | | | |
| | 71 | Other | No. | | | |
| 8542.33.00 | 01 | Amplifiers | No | Free[2/] | | 35% |
| 8542.39.00 | 01 | Other | No | Free[2/] | | 35% |
| 8542.90.00 | 00 | Parts | No | Free[2/] | | 35% |
| 8543 | | Electrical machines and apparatus, having individual functions, not specified or included elsewhere in this chapter; parts thereof: | | | | |
| 8543.10.00 | 00 | Particle accelerators[5/] | No | 1.9%[3/] | Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| 8543.20.00 | 00 | Signal generators | No | Free[3/] | | 35% |
| 8543.30 | | Machines and apparatus for electroplating, electrolysis or electrophoresis: | | | | |
| 8543.30.20 | 00 | Of a kind used solely or principally for the manufacture of printed circuits[5/] | No | Free[3/] | | 35% |
| 8543.30.90 | | Other | | 2.6%[3/] | Free (A, AU, BH, CA, CL, CO, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| | 40 | Magnesium anodes[70/] | No. | | | |
| | 80 | Other[32/] | No. | | | |

| Heading/ Subheading | Stat. Suf- fix | Article Description | Unit of Quantity | Rates of Duty 1 General | Rates of Duty 1 Special | Rates of Duty 2 |
|---|---|---|---|---|---|---|
| 8543 (con.) | | Electrical machines and apparatus, having individual functions, not specified or included elsewhere in this chapter; parts thereof: (con.) | | | | |
| 8543.70 | | Other machines and apparatus: | | | | |
| 8543.70.20 | 00 | Physical vapor deposition apparatus | No | 2.5%[3/] | Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| | | Electric synchros and transducers; flight data recorders; defrosters and demisters with electric resistors for aircraft: | | | | |
| 8543.70.42 | 00 | Flight data recorders | No | Free[3/] | | 35% |
| 8543.70.45 | 00 | Other[19/] | No | 2.6%[83/] | Free (A, AU, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| 8543.70.60 | 00 | Articles designed for connection to telegraphic or telephonic apparatus or instruments or to telegraphic or telephonic networks | No | Free[3/] | | 35% |
| 8543.70.71 | 00 | Electric luminescent lamps | No | 2%[18/] | Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 20% |

| Heading/ Subheading | Stat. Suf- fix | Article Description | Unit of Quantity | Rates of Duty 1 General | Rates of Duty 1 Special | Rates of Duty 2 |
|---|---|---|---|---|---|---|
| 8543 (con.) | | Electrical machines and apparatus, having individual functions, not specified or included elsewhere in this chapter; parts thereof: (con.) | | | | |
| 8543.70 (con.) | | Other machines and apparatus: (con.) | | | | |
| | | Other: | | | | |
| 8543.70.80 | 00 | Microwave amplifiers | No. | Free[3/] | | 35% |
| | | Other: | | | | |
| 8543.70.85 | 00 | For electrical nerve stimulation[49/] | No. | Free[18/] | | 35% |
| 8543.70.87 | 00 | Electrical machines with translation or dictionary functions; flat panel displays other than for articles of heading 8528, except for subheadings 8528.52 or 8528.62; video game console controllers which use infrared transmissions to operate or access the various functions and capabilities of the console | No. | Free[45/] | | 35% |
| 8543.70.89 | 00 | Other portable battery operated electronic readers for recording and reproducing text, still images or audio files | No. | Free[31/] | | 35% |
| 8543.70.91 | 00 | Digital signal processing apparatus capable of connecting to a wired or wireless network for the mixing of sound[55/] | No. | Free[18/] | | 35% |
| 8543.70.93 | 01 | Portable interactive electronic education devices primarily designed for children | No. | Free[45/] | | 35% |
| 8543.70.95 | 00 | Touch-sensitive data input devices (so-called "touch screens") without display capabilities, for incorporation into apparatus having a display, which function by detecting the presence and location of a touch within the display area (such sensing may be obtained by means of resistance, electrostatic capacity, acoustic pulse recognition, infra-red lights or other touch-sensitive technology) | No. | Free[3/] | | 35% |
| 8543.70.97 | 00 | Plasma cleaner machines that remove organic contaminants from electron microscopy specimens and specimen holders | No. | Free[3/] | | 35% |
| 8543.70.99 | | Other: | | 2.6%[2/] | Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| | 10 | Amplifiers | No. | | | |
| | 20 | Special effects pedals for use with musical instruments | No. | | | |
| | | Personal electric or electronic vaporizing devices: | | | | |
| | 30 | With substances containing nicotine[84/] | No. | | | |
| | 40 | Other | No. | | | |
| | 60 | Other[8/] | No. | | | |

| Heading/ Subheading | Stat. Suf- fix | Article Description | Unit of Quantity | Rates of Duty 1 General | Rates of Duty 1 Special | Rates of Duty 2 |
|---|---|---|---|---|---|---|
| 8543 (con.) | | Electrical machines and apparatus, having individual functions, not specified or included elsewhere in this chapter; parts thereof: (con.) | | | | |
| 8543.90 | | Parts: | | | | |
| 8543.90.12 | 00 | Of physical vapor deposition apparatus of subheading 8543.70 | No | Free[3/] | | 35% |
| | | Assemblies and subassemblies for flight data recorders, consisting of two or more parts or pieces fastened or joined together: | | | | |
| 8543.90.15 | 00 | Printed circuit assemblies | No | Free[3/] | | 35% |
| 8543.90.35 | 00 | Other | No | Free[3/] | | 35% |
| | | Other: | | | | |
| | | Printed circuit assemblies: | | | | |
| 8543.90.65 | 00 | Of flat panel displays other than for articles of heading 8528, except for subheadings 8528.52 or 8528.62 | No | Free[3/] | | 35% |
| 8543.90.68 | 00 | Other | No | Free[3/] | | 35% |
| | | Other: | | | | |
| 8543.90.85 | 00 | Of flat panel displays other than for articles of heading 8528, except for subheadings 8528.52 or 8528.62 | No | Free[18/] | | 35% |
| 8543.90.88 | | Other | | Free[18/] | | 35% |
| | 45 | Of particle accelerators | No. | | | |
| | | Of personal electric or electronic vaporizing devices: | | | | |
| | 50 | With substances containing nicotine[84/] | No. | | | |
| | 60 | Other | No. | | | |
| | 85 | Other | No. | | | |

| Heading/ Subheading | Stat. Suf- fix | Article Description | Unit of Quantity | Rates of Duty 1 General | Rates of Duty 1 Special | Rates of Duty 2 |
|---|---|---|---|---|---|---|
| 8544 | | Insulated (including enameled or anodized) wire, cable (including coaxial cable) and other insulated electric conductors, whether or not fitted with connectors; optical fiber cables, made up of individually sheathed fibers, whether or not assembled with electric conductors or fitted with connectors: | | | | |
| | | Winding wire: | | | | |
| 8544.11.00 | | Of copper | | 3.5%[3/] | Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 40% |
| | 20 | 33 AWG (0.18 mm in diameter) and finer | kg | | | |
| | 30 | 22 AWG (0.643 mm in diameter) and finer but larger than 33 AWG (0.18 mm in diameter) | kg | | | |
| | 50 | Other | kg | | | |
| 8544.19.00 | 00 | Other | kg | 3.9%[3/] | Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| 8544.20.00 | 00 | Coaxial cable and other coaxial electric conductors | kg | 5.3%[18/] | Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| 8544.30.00 | 00 | Ignition wiring sets and other wiring sets of a kind used in vehicles, aircraft or ships[13/] | No | 5%[3/] | Free (A*, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 30% |

| Heading/ Subheading | Stat. Suf-fix | Article Description | Unit of Quantity | Rates of Duty 1 General | Rates of Duty 1 Special | Rates of Duty 2 |
|---|---|---|---|---|---|---|
| 8544 (con.) | | Insulated (including enameled or anodized) wire, cable (including coaxial cable) and other insulated electric conductors, whether or not fitted with connectors; optical fiber cables, made up of individually sheathed fibers, whether or not assembled with electric conductors or fitted with connectors: (con.) | | | | |
| | | Other electric conductors, for a voltage not exceeding 1,000 V: | | | | |
| 8544.42 | | Fitted with connectors: | | | | |
| 8544.42.10 | 00 | Fitted with modular telephone connectors | No | Free[18/] | | 35% |
| | | Other: | | | | |
| 8544.42.20 | 00 | Of a kind used for telecommunications[55/] | No | Free[18/] | | 35% |
| 8544.42.90 | | Other | | 2.6%[85/] | Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| | 10 | Extension cords as defined in statistical note 6 to this chapter[86/] | No. | | | |
| | 90 | Other[87/] | No. | | | |
| 8544.49 | | Other: | | | | |
| | | For a voltage not exceeding 80 V: | | | | |
| 8544.49.10 | 00 | Of a kind used for telecommunications | kg | Free[2/] | | 40% |
| 8544.49.20 | 00 | Other[30/] | kg | 3.5%[2/] | Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 40% |
| | | Other: | | | | |
| 8544.49.30 | | Of copper | | 5.3%[3/] | Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 40% |
| | 40 | For a voltage exceeding 600 V | kg | | | |
| | 80 | Other | kg | | | |
| 8544.49.90 | 00 | Other[5/] | kg | 3.9%[3/] | Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 35% |
| 8544.60 | | Other electric conductors, for a voltage exceeding 1,000 V: | | | | |
| 8544.60.20 | 00 | Fitted with connectors | No | 3.7%[3/] | Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)<br>0.7% (JP) | 35% |
| | | Other: | | | | |
| 8544.60.40 | 00 | Of copper[25/] | kg | 3.5%[3/] | Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)<br>0.5% (JP) | 40% |

| Heading/ Subheading | Stat. Suf- fix | Article Description | Unit of Quantity | Rates of Duty 1 General | Rates of Duty 1 Special | Rates of Duty 2 |
|---|---|---|---|---|---|---|
| 8544 (con.) | | Insulated (including enameled or anodized) wire, cable (including coaxial cable) and other insulated electric conductors, whether or not fitted with connectors; optical fiber cables, made up of individually sheathed fibers, whether or not assembled with electric conductors or fitted with connectors: (con.) | | | | |
| 8544.60 (con.) | | Other electric conductors, for a voltage exceeding 1,000 V: (con.) | | | | |
| | | Other: (con.) | | | | |
| 8544.60.60 | 00 | Other[9/] | kg | 3.2%[2/] | Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) 0.2% (JP) | 35% |
| 8544.70.00 | 00 | Optical fiber cables[25/] | Fiber m | Free[3/] | | 65% |

| Heading/ Subheading | Stat. Suf-fix | Article Description | Unit of Quantity | Rates of Duty 1 General | Rates of Duty 1 Special | Rates of Duty 2 |
|---|---|---|---|---|---|---|
| 8545 | | Carbon electrodes, carbon brushes, lamp carbons, battery carbons and other articles of graphite or other carbon, with or without metal, of a kind used for electrical purposes: | | | | |
| | | Electrodes: | | | | |
| 8545.11.00 | | Of a kind used for furnaces | ..... | Free[18/] | | 45% |
| | | Graphite: | | | | |
| | 10 | Not exceeding 425 mm in diameter | kg | | | |
| | 20 | Exceeding 425 mm in diameter | kg | | | |
| | 50 | Other | kg | | | |
| 8545.19 | | Other: | | | | |
| 8545.19.20 | 00 | Of a kind used for electrolytic purposes | kg | Free[18/] | | 45% |
| 8545.19.40 | 00 | Other | kg | Free[18/] | | 45% |
| 8545.20.00 | 00 | Brushes | kg | Free[18/] | | 45% |
| 8545.90 | | Other: | | | | |
| 8545.90.20 | 00 | Arc light carbons | kg | Free[18/] | | 60% |
| 8545.90.40 | 00 | Other | kg | Free[18/] | | 45% |
| 8546 | | Electrical insulators of any material: | | | | |
| 8546.10.00 | 00 | Of glass[86/] | No. | 2.9%[18/] | Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 50% |
| 8546.20.00 | | Of ceramics | ..... | 3%[18/] | Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, JP, KR, MA, MX, OM, P, PA, PE, SG) | 60% |
| | | Used in high-voltage, low-frequency electrical systems: | | | | |
| | 30 | Commonly known as suspension, pin-type or line post insulators | No. | | | |
| | 60 | Other | No. | | | |
| | 90 | Other | No. | | | |
| 8546.90.00 | 00 | Other[49/] | No. | Free[18/] | | 30% |

| Heading/ Subheading | Stat. Suf-fix | Article Description | Unit of Quantity | Rates of Duty 1 General | Rates of Duty 1 Special | Rates of Duty 2 |
|---|---|---|---|---|---|---|
| 8547 | | Insulating fittings for electrical machines, appliances or equipment, being fittings wholly of insulating material apart from any minor components of metal (for example, threaded sockets) incorporated during molding solely for the purposes of assembly, other than insulators of heading 8546; electrical conduit tubing and joints therefor, of base metal lined with insulating material: | | | | |
| 8547.10 | | Insulating fittings of ceramics: | | | | |
| 8547.10.40 | 00 | Ceramic insulators to be used in the production of spark plugs for natural gas-fueled, stationary, internal combustion engines | No | 3%[18/] | Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 60% |
| 8547.10.80 | 00 | Other | No | 3%[18/] | Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 60% |
| 8547.20.00 | 00 | Insulating fittings of plastics | No | Free[18/] | | 30% |
| 8547.90.00 | | Other | | 4.6%[18/] | Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) | 45% |
| | 10 | Other insulating fittings | No. | | | |
| | | Electrical conduit tubing and joints therefor, of base metal lined with insulating material: | | | | |
| | 20 | Conduit tubing | kg | | | |
| | | Joints: | | | | |
| | 30 | Threaded | kg | | | |
| | 40 | Other | kg | | | |
| 8548 | | Waste and scrap of primary cells, primary batteries and electric storage batteries; spent primary cells, spent primary batteries and spent electric storage batteries; electrical parts of machinery or apparatus, not specified or included elsewhere in this chapter: | | | | |
| 8548.10 | | Waste and scrap of primary cells, primary batteries and electric storage batteries; spent primary cells, spent primary batteries and spent electric storage batteries: | | | | |
| | | Spent primary cells, spent primary batteries and spent electric storage batteries: | | | | |
| 8548.10.05 | | For recovery of lead | | Free[31/] | | 11.5% |
| | 40 | Lead-acid storage batteries, of a kind used for starting engines | No.<br>kg | | | |
| | 80 | Other | No.<br>kg | | | |
| 8548.10.15 | 00 | Other | kg | Free[31/] | | Free |
| | | Other: | | | | |
| 8548.10.25 | 00 | For recovery of lead | No.<br>kg | Free[31/] | | 11.5% |
| 8548.10.35 | 00 | Other | kg | Free[31/] | | Free |
| 8548.90.01 | 00 | Other | No | Free[18/] | | 35% |

1/ See 9903.88.20.
2/ See 9903.88.02.
3/ See 9903.88.01.
4/ See 9903.88.06 and 9903.88.14.
5/ See 9903.88.14.
6/ See 9903.88.08, 9903.88.11, 9903.88.14 and 9903.88.19.
7/ See 9902.16.05 and 9903.88.02.
8/ See 9903.88.12 and 9903.88.20.
9/ See 9903.88.17.
10/ See 9903.88.11, 9903.88.14 and 9903.88.19.
11/ See 9902.16.06, 9902.16.07 and 9903.88.02.
12/ See 9903.88.06.
13/ See 9903.88.14 and 9903.88.19.
14/ See 9903.45.25 and 9903.88.02.
15/ See General Note 6.
16/ See 9902.16.08, 9902.16.09, 9902.16.10 and 9903.88.03.
17/ See 9902.16.11, 9902.16.12 and 9903.88.03.
18/ See 9903.88.03.
19/ See 9903.88.12.
20/ See 9902.16.13 and 9903.88.02.
21/ See 9903.88.08, 9903.88.14 and 9903.88.19.
22/ See 9903.88.11 and 9903.88.14.
23/ See 9902.16.14 and 9903.88.02.
24/ See 9903.88.10 and 9903.88.14.
25/ See 9903.88.19.
26/ See 9902.16.15, 9903.45.25 and 9903.88.03.
27/ See 9903.88.11 and 9903.88.19.
28/ See 9902.16.16 and 9903.88.03.
29/ See 9902.16.17 and 9903.88.02.
30/ See 9903.88.17 and 9903.88.20.
31/ See 9903.88.15.
32/ See 9903.88.11.
33/ See 9903.88.10 and 9903.88.19.
34/ See 9903.88.18.
35/ See 9903.88.34 and 9903.88.37.
36/ See 9902.16.18 and 9903.88.03.
37/ See 9903.88.36.
38/ See 9902.16.19 and 9903.88.01.
39/ See 9903.88.07 and 9903.88.14.
40/ See 9903.88.08.
41/ See 9903.45.25 and 9903.88.03.
42/ See 9902.16.20, 9902.16.21, 9902.16.22 and 9903.88.15.
43/ See 9903.88.35.
44/ See 9902.16.23, 9902.16.24, 9902.16.25 and 9903.88.16.
45/ See 9903.88.16.
46/ See 9902.16.26, 9902.16.27, 9902.16.28, 9902.16.29, 9902.16.30, 9902.16.31, 9902.16.32 and 9903.88.16.
47/ See 9902.16.33, 9902.16.34, 9902.16.35, 9902.16.36, 9902.16.37 and 9903.88.03.
48/ See 9902.16.38 and 9903.88.03.
49/ See 9903.88.37.
50/ See 9902.16.39, 9902.16.40 and 9903.88.03.
51/ See 9902.16.41 and 9903.88.03.
52/ See 9903.88.03 and 9903.89.37.
53/ See 9903.88.07.
54/ See 9902.16.42, 9902.16.43, 9902.16.44 and 9903.88.03.
55/ See 9903.88.33.
56/ See 9902.16.45, 9902.16.46 and 9903.88.16.
57/ See 9902.16.47, 9902.16.48, 9902.16.49, 9902.16.50, 9902.16.51, 9902.16.52, 9902.16.53, 9902.16.54 and 9903.88.16.
58/ See 9902.16.55, 9902.16.56, 9902.16.57 and 9903.88.16.
59/ See 9902.16.58, 9902.16.59, 9902.16.60, 9902.16.61, 9902.16.62, 9902.16.63, 9902.16.64, 9902.16.65, 9902.16.66 and 9903.88.15.
60/ See 9902.16.67 and 9903.88.16.
61/ See 9902.16.68, 9902.16.69, 9902.16.70, 9902.16.71, 9902.16.72, 9902.16.73, 9902.16.74, 9902.16.75, 9902.16.76, 9902.16.77, 9902.16.78, 9902.16.79, 9902.16.80, 9902.16.81, 9902.16.82 and 9903.88.16.
62/ See 9902.16.83, 9902.16.84 and 9903.88.03.
63/ See 9903.88.04 and 9903.88.15.
64/ See 9903.88.05.
65/ See 9902.16.85 and 9903.88.15.
66/ Report quantity as indicated in additional U.S. note 4(b) to this chapter.
67/ See statistical note 5 to this chapter.
68/ See statistical note 5 to this chapter. See 9903.88.14.

69/ See 9902.16.86, 9902.16.87, 9902.16.88 and 9903.88.02.
70/ See 9903.88.10.
71/ See 9903.88.08, 9903.88.10and 9903.88.19.
72/ See 9903.88.08 and 9903.88.14.
73/ See 9903.88.07, 9903.88.10, 9903.88.11, 9903.88.14 and 9903.88.19.
74/ See 9902.16.89 and 9903.88.03.
75/ See 9903.88.10, 9903.88.14 and 9903.88.19.
76/ See 9902.16.90 and 9903.88.03.
77/ See 9903.88.33 and 9903.88.34.
78/ See 9902.16.91 and 9903.88.03.
79/ See 9903.88.06 and 9903.88.19.
80/ See 9902.16.92, 9902.16.93 and 9903.88.03.
81/ See 9902.16.94 and 9903.88.03.
82/ See subheadings 9903.45.21, 9903.45.22, 9903.45.25 and 9903.88.02.
83/ See 9902.16.95 and 9903.88.02.
84/ See statistical note 7 to this chapter.
85/ See 9902.16.96 and 9903.88.03.
86/ See 9903.88.34.
87/ See 9903.88.33 and 9903.88.37.