

Number of graphical symbol	Symbol identity number	Name (JIS)
06-A3-02	S00816	Winding of machine (different functions: series winding)
06-A3-03	S00817	Winding of machine (different functions: shunt or separate winding)
06-A4-01	S00822	Hand-generator (magneto caller)
06-A14-01	S00892	Converter, general symbol
07-01-01	S00218	Contactor function
07-01-02	S00219	Circuit breaker function
07-01-03	S00220	Disconnecter (isolator) function
07-01-04	S00221	Switch-disconnector function
07-01-05	S00222	Automatic tripping function
07-01-06	S00223	Position switch function
07-01-09	S00226	Positive operation of a switch
07-02-01	S00227	Make contact, general symbol; Switch, general symbol
07-02-03	S00229	Break contact
07-02-04	S00230	Change-over break before make contact
07-02-05	S00231	Change-over contact with off-position
07-02-06	S00232	Change-over make before break contact, both ways /Form 1
07-02-07	S00233	Change-over make before break contact, both ways /Form 2
07-02-08	S00234	Contact with two makes
07-02-09	S00235	Contact with two breaks
07-02-10	S01462	Mirror contact
07-03-01	S00236	Passing make contact when actuated
07-03-02	S00237	Passing make contact when released
07-03-03	S00238	Passing make contact
07-04-01	S00239	Make contact, early closing
07-04-02	S00240	Make contact, late closing
07-04-03	S00241	Break contact, late opening
07-04-04	S00242	Break contact, early opening
07-05-01	S00243	Make contact, delayed closing
07-05-02	S00244	Make contact, delayed opening
07-05-03	S00245	Break contact, delayed opening
07-05-04	S00246	Break contact, delayed closing
07-05-05	S00247	Make contact, delayed
07-05-06	S00248	Contact assembly
07-07-01	S00253	Switch, manually operated, general symbol
07-07-02	S00254	Switch, manually operated, push-button, automatic return
07-07-03	S00255	Switch, manually operated, pulling, automatic return
07-07-04	S00256	Switch, manually operated, turning, stay-put
07-07-05	S00257	Switch, manually operated with positive operation, push-button, automatic return
07-07-06	S00258	Switch, emergency stop
07-08-01	S00259	Position switch, make contact
07-08-02	S00260	Position switch, break contact
07-08-03	S00261	Position switch assembly
07-08-04	S00262	Position switch, break contact, positive operation
07-09-01	S00263	Temperature sensitive switch, make contact

Number of graphical symbol	Symbol identity number	Name ( <b>JIS</b> )
07-09-02	S00264	Temperature sensitive switch, break contact
07-09-03	S00265	Thermal switch, self-operating, break contact
07-09-04	S00266	Gas discharge tube with thermal element
07-11-04	S00270	Multi-position switch
07-11-05	S00271	Multi-position switch, maximum four positions
07-11-06	S00272	Multi-position switch, with position diagram
07-12-04	S01454	Complex switch, general symbol
07-12-05	S01855	Instrument multi-position selector switch for voltage circuit
07-12-06	S01858	Instrument multi-position selector switch for voltage circuit with shown terminals
07-12-07	S01856	Instrument multi-position selector switch for current circuit
07-12-08	S01857	Instrument multi-position selector switch for current circuit with shown terminals
07-13-02	S00284	Contactor; Main make contact of a contactor
07-13-03	S00285	Contactor with automatic tripping
07-13-04	S00286	Contactor; Main break contact of a contactor
07-13-05	S00287	Circuit breaker
07-13-06	S00288	Disconnecter; Isolator
07-13-07	S00289	Two-way disconnecter; Two-way isolator
07-13-08	S00290	Switch-disconnector; On-load isolating switch
07-13-09	S00291	Switch-disconnector, automatic release; On-load isolating switch, automatic release
07-13-10	S00292	Disconnecter; Isolator
07-13-11	S00293	Trip-free mechanism
07-13-12	S00294	Trip-free mechanism, application
07-13-13	S00295	Mechanical switching device, three-pole
07-13-14	S00296	Switch with positive opening
07-13-15	S01413	Multiple-function switching device
07-13-16	S01848	Combined disconnecter and earthing switch
07-14-01	S00297	Motor starter, general symbol
07-14-02	S00298	Starter operating in steps
07-14-03	S00299	Starter-regulator
07-14-05	S00301	Direct-on-line starter, reversing
07-14-06	S00302	Star-delta starter
07-14-07	S00303	Starter with auto-transformer
07-14-08	S00304	Starter-regulator with thyristors
07-15-01	S00305	Operating device, general symbol; Relay coil, general symbol /Form 1
07-15-03	S00307	Operating device; Relay coil (attached representation) /Form 1
07-15-07	S00311	Relay coil of a slow-releasing relay
07-15-08	S00312	Relay coil of a slow-operating relay
07-15-09	S00313	Relay coil of a slow-operating and slow-releasing relay
07-15-10	S00314	Relay coil of a high speed relay
07-15-11	S00315	Relay coil of a relay unaffected by alternating current
07-15-12	S00316	Relay coil of an alternating current relay
07-15-13	S00317	Relay coil of a mechanically resonant relay

Number of graphical symbol	Symbol identity number	Name (JIS)
07-15-14	S00318	Relay coil of a mechanically latched relay
07-15-15	S00319	Relay coil of a polarized relay
07-15-16	S00320	Polarized relay, self restoring
07-15-17	S00321	Polarized relay with neutral position
07-15-19	S00323	Relay coil of a remanent relay /Form 1
07-15-20	S00324	Relay coil of a remanent relay /Form 2
07-15-21	S00325	Operating device of a thermal relay
07-15-22	S00326	Operating device of an electronic relay
07-15-23	S01416	Polarized relay, stable positions
07-16-01	S00327	Measuring relay; Device related to a measuring relay
07-16-02	S00328	Voltage failure to frame; Frame potential in case of fault
07-16-03	S00329	Residual voltage
07-16-04	S00330	Reverse current
07-16-05	S00331	Differential current
07-16-06	S00332	Percentage differential current
07-16-07	S00333	Earth fault current
07-16-08	S00334	Current in the neutral conductor
07-16-09	S00335	Current between neutrals of two polyphase systems
07-16-10	S00336	Power at phase angle "alpha"
07-16-11	S00337	Inverse time-lag characteristic
07-17-01	S00338	No voltage relay
07-17-02	S00339	Reverse current relay
07-17-03	S00340	Underpower relay
07-17-04	S00341	Delayed overcurrent relay
07-17-05	S00342	Overcurrent relay
07-17-06	S00343	Overpower relay for reactive power
07-17-07	S00344	Undervoltage relay
07-17-08	S00345	Current relay
07-17-09	S00346	Under-impedance relay
07-17-10	S00347	Relay detecting short-circuits between windings
07-17-11	S00348	Divided-conductor detection relay
07-17-12	S00349	Phase-failure detection relay
07-17-13	S00350	Locked-rotor detection relay
07-17-14	S00351	Overcurrent relay
07-18-01	S00352	Buchholz protective device; Gas relay
07-18-02	S00353	Device for auto-reclosing; Auto-reclose relay
07-18-03	S01843	Simplicity voltage detector
07-19-01	S00354	Proximity sensor
07-19-02	S00355	Proximity sensing device
07-19-03	S00356	Proximity sensing device, capacitive
07-19-04	S00357	Touch sensor
07-20-01	S00358	Touch sensitive switch
07-20-02	S00359	Proximity switch
07-20-03	S00360	Proximity switch, magnetically controlled
07-20-04	S00361	Proximity switch, controlled by iron

Number of graphical symbol	Symbol identity number	Name (JIS)
07-21-01	S00362	Fuse, general symbol
07-21-02	S00363	Fuse
07-21-03	S00364	Fuse; Striker fuse
07-21-04	S00365	Fuse with alarm contact
07-21-05	S00366	Fuse with separate alarm
07-21-06	S00367	Three-pole switch with striker fuses
07-21-07	S00368	Fuse-switch
07-21-08	S00369	Fuse-disconnector; Fuse isolator
07-21-09	S00370	Fuse switch-disconnector; On-load isolating fuse switch
07-22-01	S00371	Spark gap
07-22-02	S00372	Spark gap, double
07-22-03	S00373	Surge diverter; Lightning arrester
07-22-04	S00374	Protective gas discharge tube
07-22-05	S00375	Protective gas discharge tube, symmetric
07-25-01	S00376	Static switch, general symbol
07-25-02	S00377	Static (semiconductor) contactor
07-25-03	S00378	Static switch, unidirectional
07-26-01	S00379	Static relay, general symbol
07-26-02	S00380	Static relay
07-26-03	S00381	Static thermal overload relay
07-26-04	S00382	Static relay
07-27-01	S00383	Coupling device with electrical separation
07-27-02	S00384	Coupling device with electrical separation, optical
07-A1-04	S00224	Automatic return function
07-A1-05	S00225	Non-automatic return function
07-A2-02	S00228	Make contact, general symbol; Switch, general symbol /Old form
07-A6-01	S00249	Make contact, automatic return
07-A6-02	S00250	Make contact, stay put
07-A6-03	S00251	Break contact, automatic return
07-A6-04	S00252	Change-over contact with off-position, automatic return and stay put
07-A11-01	S00267	Switch assembly, lever-operated
07-A11-02	S00268	Switch assembly, one set push operated, one set turn operated
07-A11-03	S00269	Switch assembly, push or turn operated
07-A11-04	S00273	Multi-position switch, independent circuits
07-A11-05	S00274	Multi-position switch, one position disabled
07-A11-06	S00275	Multi-position switch, wiper
07-A11-07	S00276	Multi-position switch, wiping multiple consecutive contacts
07-A11-08	S00277	Multi-position switch, wiping multiple contacts
07-A11-09	S00278	Multi-position switch, wiping cumulative contacts
07-A11-10	S00279	Multi-position switch, early/late break/make indicated
07-A12-01	S00280	Complex switch, general symbol
07-A12-02	S00281	Complex switch, wafer type
07-A12-03	S00282	Complex switch, rotary drum type
07-A13-01	S00283	Switch
07-A15-01	S00306	Operating device, general symbol; Relay coil; general symbol /Other form

Number of graphical symbol	Symbol identity number	Name ( <b>JIS</b> )
07-A15-02	S00308	Operating device; Relay coil (attached representation) /Other form
07-A15-03	S00309	Operating device; Relay coil (detached representation) /Other form
07-A15-04	S00310	Operating device; Relay coil (detached representation) /Other form
07-A15-05	S00322	Polarized relay, stable positions
08-01-01	S00910	Indicating instrument, general symbol
08-01-02	S00911	Recording instrument, general symbol
08-01-03	S00912	Integrating instrument, general symbol
08-02-01	S00913	Voltmeter
08-02-02	S00914	Reactive current ammeter
08-02-03	S00915	Maximum demand indicator
08-02-04	S00916	Varmeter
08-02-05	S00917	Power-factor meter
08-02-06	S00918	Phase meter
08-02-07	S00919	Frequency meter
08-02-08	S00920	Synchroscope
08-02-09	S00921	Wavemeter
08-02-10	S00922	Oscilloscope
08-02-11	S00923	Differential voltmeter
08-02-12	S00924	Galvanometer
08-02-13	S00925	Salinity meter
08-02-14	S00926	Thermometer, Pyrometer
08-02-15	S00927	Tachometer
08-03-01	S00928	Recording wattmeter
08-03-02	S00929	Combined recording wattmeter and varmeter
08-03-03	S00930	Oscillograph
08-04-01	S00931	Hour meter; Hour counter
08-04-02	S00932	Ampere-hour meter
08-04-03	S00933	Watt-hour meter
08-04-04	S00934	Watt-hour meter, measuring energy transmitted in one direction only
08-04-05	S00935	Watt-hour meter, counting the energy flow from the busbars
08-04-06	S00936	Watt-hour meter, counting the energy flow towards the busbars
08-04-07	S00937	Watt-hour meter, counting in both energy flow directions
08-04-08	S00938	Multi-rate watt-hour meter
08-04-09	S00939	Excess watt-hour meter
08-04-10	S00940	Watt-hour meter with transmitter
08-04-11	S00941	Slave watt-hour meter (repeater)
08-04-12	S00942	Slave watt-hour meter (repeater) with printing device
08-04-13	S00943	Watt-hour meter with maximum demand indicator
08-04-14	S00944	Watt-hour meter with maximum demand recorder
08-04-15	S00945	Var-hour meter
08-05-01	S00946	Counting function of a number of events
08-05-02	S00947	Pulse counting device
08-05-03	S00948	Pulse counting device, manually pre-set to $n$
08-05-04	S00949	Pulse counting device, electrically reset to 0
08-05-05	S00950	Pulse counting device with multiple contacts

Number of graphical symbol	Symbol identity number	Name (JIS)
08-05-06	S00951	Counting device, cam driven
08-06-01	S00952	Thermocouple
08-06-03	S00954	Thermocouple with non-insulated heating element
08-06-05	S00956	Thermocouple with insulated heating element
08-08-01	S00959	Clock, general symbol
08-08-02	S00960	Master clock
08-08-03	S00961	Clock with contact
08-10-01	S00965	Lamp, general symbol
08-10-02	S00966	Signal lamp, flashing type
08-10-03	S00967	Indicator, electromechanical; annunciator element
08-10-04	S00968	Electromechanical position indicator
08-10-06	S01417	Acoustic signalling device, general symbol
08-10-09	S00972	Siren
08-10-10	S00973	Buzzer
08-10-13	S00975	Signalling lamp energized by a built-in transformer
08-A6-01	S00953	Thermocouple /Old form
08-A6-02	S00955	Thermocouple with non-insulated heating element /Old form
08-A6-03	S00957	Thermocouple with insulated heating element /Old form
08-A7-01	S00958	Signal translator, general symbol
08-A9-01	S00962	Synchronous device, general symbol
08-A9-02	S00963	Torque transmitter
08-A9-03	S00964	Gyro
08-A10-01	S00969	Horn
08-A10-02	S00970	Bell
08-A10-03	S00971	Single-stroke bell
08-A10-04	S00974	Whistle, electrically operated
09-01-01	S00981	Connecting stage, general symbol
09-01-02	S00982	Connecting stage with x inlets and y outlets
09-01-03	S00983	Connecting stage composed of z grading groups
09-01-04	S00984	Connecting stage with one group of inlets and two groups of outlets
09-01-05	S00985	Connecting stage interconnecting one group of bothway trunks with two groups of unidirectional trunks of opposite sense
09-01-06	S00986	Marking stage
09-01-07	S00987	Marking stage-outgoing calls via several connecting stages
09-01-08	S00988	Mixed marking stage-outgoing calls via different connecting stages
09-01-09	S00989	Switching stage
09-01-10	S00990	Switching stage-outgoing calls via several connecting stage
09-01-11	S00991	Mixed switching state-outgoing calls via different connecting stages
09-02-01	S00994	Automatic switching equipment
09-02-02	S00995	Manual switchboard
09-03-01	S00996	Selector wiper, non-bridging
09-03-02	S00997	Selector wiper, bridging
09-03-03	S00998	Arc or bank of single-motion selector
09-03-04	S00999	Arc or bank of two-motion selector
09-03-05	S01000	Selector arc with one special position

Number of graphical symbol	Symbol identity number	Name ( <b>JIS</b> )
09-03-06	S01001	Selector bank or level
09-03-07	S01002	Selector level showing individual outlets or contacts
09-04-01	S01004	Selector level with bridging wiper
09-04-02	S01005	Selector level with non-bridging wiper
09-04-03	S01006	Single-motion selector, non-homing
09-04-04	S01007	Single-motion selector, homing
09-04-05	S01008	Two-motion selector, homing
09-04-06	S01009	Selector, motor driven, homing
09-04-07	S01010	Selector for four-wire switching, homing
09-04-08	S01011	Single-motion selector, set
09-04-09	S01012	Single-motion homing selector with individual outlets
09-04-10	S01013	Two-motion selector showing levels
09-04-11	S01014	Crossbar selector, general symbol
09-04-12	S01015	Crossbar selector, single connecting unit
09-04-13	S01016	Crossbar selector, four-wire switching
09-05-01	S01017	Telephone set, general symbol
09-05-02	S01018	Telephone set with local battery
09-05-03	S01019	Telephone set, common battery
09-05-07	S01023	Telephone set, paying
09-05-09	S01025	Telephone set with loudspeaker
09-05-12	S01028	Telephone set for several lines
09-06-01	S01029	Telecommunication transmitting apparatus
09-06-02	S01030	Telecommunication transmitting and receiving apparatus, two-way simplex
09-06-05	S01033	Telefax
09-07-02	S01039	Telegraph repeater, duplex
09-08-01	S01042	Magnetic type indication
09-08-02	S01043	Moving coil indication; Ribbon type indication
09-08-03	S01044	Moving iron type indication
09-08-04	S01045	Stereo type indication
09-08-05	S01046	Disc type indication
09-08-06	S01047	Tape type indication; Film type indication
09-08-07	S01048	Drum type indication
09-08-08	S01049	Recording indication; Reproducing indication
09-08-09	S01050	Recording and reproducing indication
09-08-10	S01051	Erasing indication
09-08-11	S01052	Surface-acoustic-wave (SAW) indication
09-09-01	S01053	Microphone, general symbol
09-09-03	S01055	Microphone, push-pull
09-09-04	S01056	Earphone, general symbol
09-09-07	S01059	Loudspeaker, general symbol
09-09-08	S01060	Loudspeaker-microphone
09-09-09	S01061	Transducer head, general symbol
09-09-10	S01062	Reproducing head, stereophonic, stylus operated
09-09-11	S01063	Light sensitive reproducing head, monophonic
09-09-12	S01064	Erasing head



Number of graphical symbol	Symbol identity number	Name ( <b>JIS</b> )
09-09-13	S01065	Magnetic head /Complete form
09-09-14	S01066	Magnetic head /Simplified form
09-09-15	S01067	Magnetic head for writing, monophonic /Complete form
09-09-16	S01068	Magnetic head for writing, monophonic /Simplified form
09-09-17	S01069	Magnetic head for erasing /Complete form
09-09-18	S01070	Magnetic head for erasing /Simplified form
09-09-19	S01071	Magnetic head for writing, reading and erasing, monophonic /Complete form
09-09-20	S01072	Magnetic head for writing, reading and erasing, monophonic /Simplified form
09-09-21	S01073	Ultrasound transmitter-receiver; Hydrophone
09-09-22	S01074	Surface-acoustic-wave (SAW) transducer
09-10-01	S01075	Recorder, general symbol; reproducer; general symbol
09-10-02	S01076	Recorder and reproducer, magnetic drum type
09-10-03	S01077	Stylus-type reproducer
09-10-04	S01078	Optical file-type recorder
09-10-05	S01079	Optical disc-type reproducer
09-A1-04	S00992	Trunking diagram of a switching system
09-A1-05	S00993	Trunking diagram of a switching system
09-A3-06	S01003	Operating coil of a selector
09-A5-08	S01021	Telephone set with push-button dialling
09-A5-09	S01022	Telephone set with push-buttons or keys for special purposes
09-A5-10	S01024	Telephone set with ringing generator
09-A5-11	S01026	Telephone set with amplifier
09-A5-12	S01027	Telephone set, sound-powered
09-A6-13	S01031	Tape-printing receiver with keyboard transmitter
09-A6-14	S01032	Page-printing receiver
09-A6-15	S01034	Automatic transmitter using perforated tape
09-A6-16	S01035	Keyboard perforator
09-A6-17	S01036	Separate reperforator and automatic transmitter
09-A6-18	S01037	Combined reperforator and automatic transmitter
09-A7-19	S01038	Telegraph repeater, regenerative
09-A7-20	S01040	Telegraph repeater, one-way, double-current/single_current
09-A7-21	S01041	Telegraph repeater, double-current/alternating current
09-A9-22	S01054	Electrostatic microphone; Capacitor microphone
09-A9-23	S01057	Headset
09-A9-24	S01058	Handset
10-03-01	S01094	Plane polarization
10-03-02	S01095	Circular polarization
10-03-03	S01096	Direction of radiation fixed in azimuth
10-03-04	S01097	Direction of radiation variable in azimuth
10-03-05	S01098	Direction of radiation fixed in elevation
10-03-06	S01099	Direction of radiation variable in elevation
10-03-07	S01100	Direction of radiation fixed in azimuth and elevation
10-03-08	S01101	Direction finder; Radio beacon
10-04-01	S01102	Antenna, general symbol



Number of graphical symbol	Symbol identity number	Name ( <b>JIS</b> )
10-04-02	S01103	Antenna with circular polarization
10-04-03	S01104	Antenna with direction of radiation variable in azimuth
10-04-04	S01105	Directional antenna fixed in azimuth, horizontal polarization
10-04-05	S01106	Antenna with direction of radiation variable in elevation
10-04-06	S01107	Direction finding antenna
10-04-07	S01108	Directional antenna
10-04-08	S01109	Radar antenna
10-04-09	S01110	Antenna, turnstile
10-05-01	S01111	Antenna, loop; Antenna, frame
10-05-02	S01112	Antenna, rhombic
10-05-04	S01114	Antenna, magnetic rod
10-05-05	S01115	Dipole
10-05-06	S01116	Dipole, folded
10-05-09	S01119	Dipole, folded, with balun and feeder
10-05-10	S01120	Antenna, slot type, with feeder
10-05-11	S01121	Antenna, horn type
10-05-12	S01122	Reflector, cheese type, with horn feeder
10-05-13	S01123	Antenna, parabolic, with feeder
10-05-14	S01124	Antenna with reflector, horn type
10-06-01	S01125	Radio station, general symbol
10-06-02	S01126	Radio station, transmitting and receiving
10-06-03	S01127	Radio station, direction finding receiving
10-06-04	S01128	Radio station, beacon transmitting
10-06-09	S01133	Space station
10-06-12	S01136	Earth station only for space station tracking
10-06-13	S01137	Earth station for communication with a space station
10-07-01	S01138	Waveguide, rectangular
10-07-02	S01139	Waveguide, rectangular
10-07-03	S01140	Waveguide, circular
10-07-04	S01141	Waveguide, ridged
10-07-05	S01142	Waveguide, coaxial
10-07-06	S01143	Stripline
10-07-07	S01144	Stripline
10-07-09	S01146	Waveguide, rectangular, gas-filled
10-07-10	S01147	Waveguide, flexible
10-07-11	S01148	Waveguide, twisted
10-07-12	S01149	Mode suppression
10-07-16	S01153	Resonator
10-07-17	S01154	Reflector, reflecting totally
10-07-18	S01155	Reflector, reflecting partially
10-08-01	S01156	Discontinuity, two-port, general symbol
10-08-02	S01157	Matching device, adjustable; Discontinuity, adjustable;
10-08-03	S01158	Matching device, adjustable, slide screw
10-08-04	S01159	Matching device, adjustable, E-H
10-08-05	S01160	Matching device, adjustable, multi-stub

Number of graphical symbol	Symbol identity number	Name ( <b>JIS</b> )
10-08-06	S01161	Discontinuity, in shunt with transmission path
10-08-07	S01162	Discontinuity, in series with transmission path
10-08-08	S01163	Discontinuity, capacitive, in shunt with the transmission path
10-08-09	S01164	Discontinuity, series resonant, in shunt with the transmission path
10-08-10	S01165	Discontinuity, parallel resonant, in series with the transmission path
10-08-11	S01166	Discontinuity, terminal
10-08-14	S01169	Transition, general symbol
10-08-15	S01170	Transition, from circular to rectangular waveguide
10-08-16	S01171	Transition, taper, from circular to rectangular waveguide
10-08-17	S01172	Cavity resonator
10-08-18	S01173	Band-pass filter switched by gas discharge
10-08-19	S01174	Mode filter
10-08-20	S01175	Isolator for microwaves
10-08-21	S01176	Directional phase changer
10-08-22	S01177	Gyrator
10-08-23	S01178	Termination, short-circuit
10-08-24	S01179	Terminations, slided short circuit
10-08-25	S01180	Termination, matched
10-08-27	S01181	Surface-acoustic-wave (SAW) device, one-port
10-08-28	S01182	Surface-acoustic-wave (SAW) device, two-port, reflecting totally
10-08-29	S01183	Surface-acoustic-wave (SAW) device, two-port, reflecting partially and totally
10-08-30	S01184	Surface-acoustic-wave (SAW) device, two-port
10-09-01	S01185	Three-port junction
10-09-02	S01186	Three-port junction (Series T, E-plane T)
10-09-03	S01187	Three-port junction (Shunt T, H-plane T)
10-09-04	S01188	Three-port junction (power divider)
10-09-05	S01189	Four-port junction /Form 1
10-09-06	S01190	Four-port junction /Form 2
10-09-07	S01191	Four-port junction (magic T hybrid junction) /(Form 1)
10-09-08	S01192	Four-port junction (magic T hybrid junction) /(Form 1 simplified)
10-09-09	S01193	Four-port junction; Directional coupler /(Form 2)
10-09-10	S01194	Four-port junction; Quadrature hybrid junction /(Form 2)
10-09-11	S01195	Hybrid ring junction
10-09-12	S01196	Circulator, three-port
10-09-13	S01197	Circulator, four-port
10-09-14	S01198	Circulator, four-port, with reversible direction of circulation
10-09-15	S01199	Field-polarization rotator
10-09-16	S01200	Two-position microwave switch (90° step)
10-09-17	S01201	Three-position microwave switch (120° step)
10-09-18	S01202	Four-position microwave switch (45° step)
10-10-01	S01203	Coupler (or feed) type unspecified, general symbol
10-10-02	S01204	Coupler to a cavity resonator
10-10-03	S01205	Coupler to a rectangular waveguide
10-10-04	S01206	Window (aperture) coupler, general symbol

Number of graphical symbol	Symbol identity number	Name ( <b>JIS</b> )
10-10-05	S01207	Window (aperture) coupler at a junction
10-10-06	S01208	E-plane window (aperture) coupler
10-10-07	S01209	Loop coupler
10-10-08	S01210	Probe coupler
10-10-09	S01211	Sliding probe coupled to a transmission path
10-11-01	S01212	Maser, general symbol
10-11-02	S01213	Maser used as an amplifier
10-11-03	S01214	Laser (optical maser), general symbol
10-11-04	S01215	Laser used as a generator
10-11-05	S01216	Ruby laser generator
10-11-06	S01217	Ruby laser generator with xenon lamp as pumping source
10-12-01	S01218	Pulse-position or pulse-phase modulation
10-12-02	S01219	Pulse-frequency modulation
10-12-03	S01220	Pulse-amplitude modulation
10-12-04	S01221	Pulse-interval modulation
10-12-05	S01222	Pulse-duration modulation
10-12-06	S01223	Pulse-code modulation
10-12-07	S01224	Pulse-code modulation in 3-out-of-7 code
10-13-01	S01225	Signal generator, general symbol
10-13-02	S01226	Sine-wave generator, 500 Hz
10-13-03	S01227	Saw-tooth generator, 500 Hz
10-13-04	S01228	Pulse generator
10-13-05	S01229	Sine-wave generator with adjustable frequency
10-14-02	S01232	Frequency converter, changing from $f_1$ to $f_2$
10-14-03	S01233	Frequency multiplier
10-14-04	S01234	Frequency divider
10-14-05	S01235	Pulse inverter
10-14-06	S01236	Code converter of binary code
10-14-07	S01237	Converter giving clock-time indication in five-digit binary code
10-14-08	S01238	Pulse regenerator
10-15-01	S01239	Amplifier, general symbol /Form 1
10-15-02	S01240	Amplifier, general symbol /Form 2
10-16-01	S01244	Attenuator, fixed loss
10-16-02	S01245	Attenuator, variable loss
10-16-03	S01246	Filter, general symbol
10-16-04	S01247	High-pass filter
10-16-05	S01248	Low-pass filter
10-16-06	S01249	Band-pass filter
10-16-07	S01250	Band-stop filter
10-16-08	S01251	Device for pre-emphasis of higher frequencies
10-16-09	S01252	Device for de-emphasis of higher frequencies
10-16-10	S01253	Compressor
10-16-11	S01254	Expander
10-16-12	S01255	Artificial line
10-16-13	S01256	Phase-changing network