

## BUREAU OF INDIAN STANDARDS

### Program of Work

#### LITD 3 : Electromechanical Components And Mechanical Structures For Electronic--equipment

**Scope:** To prepare Indian Standards relating to mechanical structures and similar devices such as switches, relays, connectors, sockets, for use in electronic and telecommunication equipment

**Liaison:** **IEC TC-IEC TC (O):** *Electrical connectors and mechanical structures for electrical and electronic equipment* **IEC TC-IEC TC (O):** *Electrical connectors* **IEC TC-IEC TC (O):** *Mechanical structures for electrical and electronic equipment* **IEC TC-48 (O):** *Electrical connectors and mechanical structures for electrical and electronic equipment* **IEC TC-48 SC-48 (O):** *Electrical connectors* **IEC TC-48 SC-48 (O):** *Mechanical structures for electrical and electronic equipment*

### Published Standards

S.No	IS No.	TITLE	Reaffirm M-Y	No. of Amds	Eqv.
1	IS 13984 (Part 1):1995  Decision taken to Reaffirm and Archive IEC 60130-12 : 1976	Link and Test Connectors:Part 1 Test Schedule and Requirements	December, 2025	-	Modified/Technically Equivalent
2	IS 13984 (Part 2/Sec 4):1995  Decision taken to Reaffirm and Archive IEC 60130-12 : 1976	Link and test connectors - Specificaiton: Part 2 socket for conventional wiring: Sec 4 six - Way socket link and test connector	November, 2025	-	Modified/Technically Equivalent
3	IS 13984 (Part 3/Sec 5):1995  Decision taken to Reaffirm and Archive IEC 60130-12 : 1976	Link and test connectors - Specificaiton: Part 3 socket for mounting on printed wiring boards: Sec 5 six - Way socket link and test connector	November, 2025	-	Modified/Technically Equivalent
4	IS 13984 (Part 2/Sec 1):1994 Reviewed In : 2025 Decision taken to Reaffirm and Archive IEC 60130-12 : 1976	Link and test connectors specification: part 2 socket for conventional wiring: Sec 1 two - Way socket link and test connector	June, 2025	-	Modified/Technically Equivalent
5	IS 13984 (Part 2/Sec 2):1994 Reviewed In : 2025 Decision taken to	Link and test connectors specification: Part 2 socket for conventiqnal wiring: Sec 2 three - Way socket link and test connector	July, 2025	-	Modified/Technically Equivalent

	Reaffirm and Archive IEC 60130-12 : 1976				
6	IS 13984 (Part 2/Sec 3):1994 Reviewed In : 2025 Decision taken to Reaffirm and Archive IEC 60130-12 : 1976	Link and test connectors - Specification: Part 2 socket for conventional wiring; Sec 3 four - Way socket link and test connector	April, 2025	-	Modified/Technically Equivalent
7	IS 13984 (Part 3/Sec 1):1995 Reviewed In : 2025 Decision taken to Reaffirm and Archive IEC 60130-12 : 1976	Link and test connectors - Specification: Part 3 socket for mounting on printed wiring boards: Sec 1 two - Way flat mounting socket link and test connector	October, 2025	-	Modified/Technically Equivalent
8	IS 13984 (Part 3/Sec 2):1995 Reviewed In : 2025 Decision taken to Reaffirm and Archive IEC 60130-12 : 1976	Link and test connectors - Specification: Part 3 socket for mounting on printed wiring boards: Sec 2 two - Way upright mounting socket link and test connector	October, 2025	-	Modified/Technically Equivalent
9	IS 13984 (Part 3/Sec 3):1995 Reviewed In : 2025 Decision taken to Reaffirm and Archive IEC 60130-12 : 1976	Link and test connectors - Specification: Part 3 socket for mounting on printed wiring boards: Sec 3 three - Way socket link and test connector	October, 2025	-	Modified/Technically Equivalent
10	IS 13984 (Part 3/Sec 4):1995 Reviewed In : 2025 Decision taken to Reaffirm and Archive IEC 60130-12 : 1976	Link and test connectors - Specification: Part 3 socket for mounting on printed wiring boards: Sec 4 four - Way socket link and test connector	October, 2025	-	Modified/Technically Equivalent
11	IS 13984 (Part 4/Sec 1):1995 Reviewed In : 2025 Decision taken to Reaffirm and Archive IEC 60130-12 : 1976	Link and test connectors specification: Part 4 U - Link plug: Sec 1 U - Link polarized	June, 2025	-	Modified/Technically Equivalent
12	IS 13984 (Part 4/Sec 2):1995 Reviewed In : 2025 Decision taken to Reaffirm and Archive IEC 60130-12 : 1976	Link and test connectors specification: Part 4 u - Link plug: Sec 2 u - Link non - Polarized	July, 2025	-	Modified/Technically Equivalent
13	IS 13984 (Part 4/Sec 3):1995 Reviewed In : 2025 Decision taken to Reaffirm and Archive IEC 60130-12 : 1976	Link and test connectors specification: Part 4 u - Link plug: Sec 3 double u - Link plug polarized	July, 2025	-	Modified/Technically Equivalent

14	IS 13984 (Part 5/Sec 1):1995 Reviewed In : 2025 Decision taken to Reaffirm and Archive IEC 60130-12 : 1976	Link and test connectors specification: Part 5 cord plug: Sec 1 polarized	June, 2025	-	Modified/Technically Equivalent
15	IS/IEC 60068-2-43):2003 IEC 60068 (Part 2/Sec 43):2003 IEC 60068 (Part 2/Sec 43):2003	Environmental testing Part 2: Tests Test Kd Section 43: Hydrogen sulphide test for contacts and connections		-	Identical under single numbering
16	IS/IEC 60068-2-42):2003 IS/IEC 60068-2-42:2003 IS/IEC 60068-2-42:2003	Environmental testing - Part 2 Tests Section 42 Test Kc: Sulphur dioxide test for contacts and connections		-	Identical under single numbering
17	IS/IEC 60130-9:2011 60130-9 : 2011 Reviewed In : 2024 60130-9 : 2011	Connectors for frequencies below 3 MHz Part 9: Circular connectors for radio and associated sound equipment	November, 2024	-	Identical under dual numbering
18	IS/IEC 60297-3-100:2008 60297-3-100:2008 Reviewed In : 2024 60297-3-100:2008	Mechanical structures for electronic equipment Dimensions of mechanical structures of the 482.6 mm 19 in series Part 3-100: Basic dimensions of front panels subracks chassis racks and cabinets	November, 2024	-	Identical under dual numbering
19	IS/IEC 60297-3-101:2004 IEC 60297-3-101:2004 Reviewed In : 2024 IEC 60297-3-101:2004	Mechanical structures for electronic equipment Dimensions of mechanical structures of the 482.6 mm 19 in series Part 3-101: Subracks and associated plug-in units	September, 2024	-	Identical under dual numbering
20	IS/IEC 60297-3-105):2008 IEC 60297-3-105:2008 IEC 60297-3-105:2008	Mechanical structures for electronic equipment Part 3 Dimensions of mechanical structures of the 482 6 mm 19 in series Section 105: Dimensions and design aspects for 1U high chassis		-	Identical under single numbering
21	IS/IEC 60512-1-1):2002 IEC 60512-1-1: 2002 IEC 60512-1-1: 2002	Connectors for Electronic Equipment Tests and Measurements Part 1: General examination Section 1: Test 1a: Visual examination		-	Identical under single numbering
22	IS/IEC 60512-1:2018 IEC 60512-1: 2018 IEC 60512-1: 2018	Connectors for electrical and electronic equipment Tests and measurements Part 1: Generic specification		-	Identical under single numbering
23	IS/IEC 60512-1-2):2002 IEC 60512-1-2:2002 IEC 60512-1-2:2002	Connectors for Electronic Equipment Tests and Measurements Part 1: General Examination Section 2: Test 1b: Examination of Dimension and Mass		-	Identical under single numbering

24	IS/IEC 60512-2-1):2002 IEC 60512-2-1: 2002 IEC 60512-2-1: 2002	Connectors for electronic equipment Part 2 Tests and measurements Section 1: Electrical continuity and contact resistance tests Test 2a: Contact resistance Millivolt level method		-	Identical under single numbering
25	IS/IEC 60512-2-2):2003 IEC 60512-2-2:2003 IEC 60512-2-2:2003	Connectors for Electronic Equipment $i_L/2$ Tests and Measurements Part 2 Electrical Continuity and Contact Resistance Tests Section 2 Test 2b Contact Resistance Specified Test Current Method		-	Identical under single numbering
26	IS/IEC 60512-2-3):2002 IEC 60512-2-3:2002 IEC 60512-2-3:2002	Connectors for Electronic Equipment $i_L/2$ Tests and Measurements Part 2 Electrical Continuity and Contact Resistance Tests Section 3 Test 2c: Contact Resistance Variation		-	Identical under single numbering
27	IS/IEC 60512-2-5):2003 IEC 60512-2-5: 2003 IEC 60512-2-5: 2003	Connectors for Electronic Equipment $i_L/2$ Tests and Measurements Part 2 Electrical Continuity and Contact Resistance Tests Section 5 Test 2e: Contact Disturbance		-	Identical under single numbering
28	IS/IEC 60512-2-6):2002 IEC 60512-2-6: 2002 IEC 60512-2-6: 2002	Connectors for electronic equipment Part 2 Tests and measurements Section 6: Electrical continuity and contact resistance tests Test 2f: Housing shell electrical continuity		-	Identical under single numbering
29	IS/IEC 60512-3-1):2002 IEC 60512-3-1: 2002 IEC 60512-3-1: 2002	Connectors for Electronic Equipment Tests and Measurements Part 3 Insulation Tests Section 1 Test 3A: Insulation $i_L/2$ Resistance		-	Identical under single numbering
30	IS/IEC 60512-4-1):2003 IEC 60512-4-1 : 2003 IEC 60512-4-1 : 2003	Connectors for electronic equipment - Part - 4 Tests and measurements - Section - 1: Voltage stress tests - Test 4a: Voltage proof		-	Identical under single numbering
31	IS/IEC 60512-4-2):2002 IEC 60512-4-2 : 2002 IEC 60512-4-2 : 2002	Connectors for electronic equipment Part -4 Tests and measurements Section - 2: Voltage stress tests - Test 4b: Partial discharge		-	Identical under single numbering
32	IS/IEC 60512-4-3):2002 IEC 60512-4-3 : 2002 ISO/IEC 27001:2022	Connectors for electronic equipment Part - 4 Tests and measurements Section - 3: Voltage stress tests - Test 4c: Voltage proof of pre-insulated crimp barrels		-	Identical under single numbering
33	IS/IEC 60603-1:1991 60603-1 : 1991 Reviewed In : 2024	Connectors for frequencies below 3 MHz for use with printed boards Part 1: Generic specification General requirements and guide for	September, 2024	-	Identical under single numbering

	60603-1 : 1991	the preparation of detail specifications, with assessed quality			
34	IS/IEC 60603-2:1995 60603-2 : 1995 Reviewed In : 2024 60603-2 : 1995	Connectors for frequencies below 3 MHz for use with printed boards – Part 2: Detail specification for two-part connectors with assessed quality, for printed boards, for basic grid of 2.54 mm (0.1 in) with common mounting features	November, 2024	-	Identical under single numbering
35	IS/IEC 60603-3:1987 60603-3 :1987 Reviewed In : 2024 60603-3 :1987	Connectors for frequencies below 3 MHz for use with printed boards Part 3: Two-part connectors for printed boards having contacts spaced at 2.54 mm(0.100 in)centres and staggered terminations at that same spacing	September, 2024	1	Identical under single numbering
36	IS/IEC 60603-4:1987 60603-4 : 1987 Reviewed In : 2024 60603-4 : 1987	Connectors for frequencies below 3 MHz for use with printed boards Part 4: Two-part connectors for printed boards having contacts spaced at 1.91 mm ( 0.075 in )centres and staggered terminations at that same spacing	September, 2024	-	Identical under single numbering
37	IS/IEC 60603-5:1987 60603-5 Reviewed In : 2024 60603-5	Connectors for frequencies below 3 MHz for use with printed boards Part 5: Edge-socket connectors and two-part connectors for double-sided printed boards with 2.54 mm (0.1 in) spacing	September, 2024	-	Identical under single numbering
38	IS/IEC 60603-6:1987 60603-6 : 1987 Reviewed In : 2024 60603-6 : 1987	Connectors for frequencies below 3 MHz for use with printed boards Part 6: Edge-socket connectors and printed-board connectors with 2.54 mm (0.1 in) contact spacing for single or double-sided printed boards of 1.6 mm (0.063 in) nominal thickness	September, 2024	-	Identical under single numbering
39	IS/IEC 60603-8:1990 60603-8: 1990 Reviewed In : 2024 60603-8: 1990	Connectors for frequencies below 3 MHz for use with printed boards Part 8: Two-part connectors for printed boards for basic grid of 2.54 mm (0.1 in), with square male contacts of 0.63 mm x 0.63 mm	September, 2024	-	Identical under single numbering
40	IS/IEC 60603-11:1992 60603-11:1992 Reviewed In : 2024 60603-11:1992	Connectors for frequencies below 3 MHz for use with printed boards Part 11: Detail specification for concentric connectors dimensions for free connectors and fixed connectors	September, 2024	-	Identical under single numbering
41	IS/IEC 60603-12:1992 60603-12: 1992 Reviewed In : 2024 60603-12: 1992	Connectors for frequencies below 3 MHz for use with printed boards Part 12: Detail specification for dimensions general requirements and tests for a range of sockets designed for use with integrated circuits	November, 2024	-	Identical under single numbering
42	IS/IEC 60603-13:1995	Connectors for frequencies below 3 MHz for use with printed boards	September, 2024	-	Identical under single numbering

	60603-13 Reviewed In : 2024 60603-13	- Part 13: Detail specification for two-part connectors of assessed quality for printed boards for basic grid of 2.54 mm(0.1 in) with free connectors for non-accessible insulation displacement terminations (ID)			
43	IS/IEC 60603-14:1998 60603-14 : 1998 Reviewed In : 2024 60603-14 : 1998	Connectors for frequencies below 3 MHz for use with printed boards Part 14: Detail specification for circular connectors for low-frequency audio and video applications such as audio video and audio-visual equipment	September, 2024	-	Identical under single numbering
44	IS/IEC 60915:2006 IEC 60915: 2006 Reviewed In : 2024 IEC 60915: 2006	Capacitors and resistors for use in electronic equipment Preferred dimensions of shaft ends bushes and for the mounting of single-hole bush-mounted shaft-operated electronic components	September, 2024	-	Identical under dual numbering
45	IS/IEC 60917-1:2019 IEC 60917-1:2019 IEC 60917-1:2019	Modular order for the development of mechanical structures for electrical and electronic equipment practices Part 1: Generic standard		-	Identical under single numbering
46	IS/IEC 61020-1:2019 61020-1-2019 Reviewed In : 2024 61020-1-2019	Electromechanical switches for use in electrical and electronic equipment Part 1: Generic specification	September, 2024	-	Identical under dual numbering
47	IS/IEC 61076-1:2019 61076-1:2019 Reviewed In : 2024 61076-1:2019	Connectors for electronic equipment Product requirements Part 1: Generic specification	September, 2024	-	Identical under single numbering
48	IS/IEC 61076-4-100:2001 61076-4-100 : 2001 Reviewed In : 2024 61076-4-100 : 2001	Connectors for electronic equipment Part 4-100: Printed board connectors with assessed quality Detail specification for two-part connector modules having a grid of 2.5 mm for printed boards and backplanes	September, 2024	-	Identical under single numbering
49	IS/IEC 61076-4-101:2001 61076-4-101 Reviewed In : 2024 61076-4-101	Connectors for electronic equipment Part 4-101: Printed board connectors with assessed quality Detail specification for two-part connector modules having a basic grid of 2.0 mm for printed boards and backplanes in accordance with IEC 60917	November, 2024	-	Identical under single numbering
50	IS/IEC 61076-4-102:1997 61076-4-102 : 1997 Reviewed In : 2024 61076-4-102 : 1997	Connectors with assessed quality for use in d.c., low-frequency analogue and in digital high speed data applications – Part 4: Printed board connectors – Section 102: Detail specification for two-part single-pole connectors, for multiple uses on plug-in units, with pre-centring, coding and early mating features, having a metric grid in	September, 2024	-	Identical under single numbering

		accordance with IEC 60917			
51	IS/IEC 61076-4-103:1999 61076-4-103 : 1999 Reviewed In : 2024 61076-4-103 : 1999	Connectors for use in dc low-frequency analogue and digital high speed data applications Part 4-103: Printed board connectors with assessed quality Detail specification for two-part connectors with shielding and a basic grid of 2.5 mm	September, 2024	-	Identical under single numbering
52	IS/IEC 61076-4-104:1999 61076-4-104 Reviewed In : 2024 61076-4-104	Connectors for use in d.c., low frequency analogue and digital high speed data applications – Part 4-104: Printed board connectors with assessed quality – Detail specification for two-part modular connectors, basic grid of 2.0 mm, with terminations on a multiple grid of 0.5 mm	September, 2024	-	Identical under single numbering
53	IS/IEC 61076-4-105:1995 61076-4-105 Reviewed In : 2024 61076-4-105	Connectors with assessed quality for use in dc low-frequency analogue and in digital high-speed data applications - Part 4: Printed board connectors - Section 105: Detail specification for 9 mm circular connector with 3 to 8 contacts for use in a wide range of applications including the telecommunication and audio industry	July, 2024	-	Identical under single numbering
54	IS/IEC 61076-4-107:2001 61076-4-107 Reviewed In : 2024 61076-4-107	Connectors for electronic equipment – Part 4-107: Printed board connectors with assessed quality – Detail specification for shielded two-part connectors having a basic grid of 2.0 mm, fixed part with solder and press-in terminations for printed boards, free part with non-accessible insulation displacement and crimp terminations	July, 2024	-	Identical under single numbering
55	IS/IEC 61076-4-108:2002 61076-4-108 Reviewed In : 2024 61076-4-108	Connectors for electronic equipment - Part 4-108: Printed board connectors with assessed quality -Detail specification for cable-to-board connectors, with a modular pitch of 25 mm and integrated shielding function, applicable for transverse packing density of 15 mm, having a basic grid of 2.5 mm in accordance with IEC 60917-1	July, 2024	-	Identical under single numbering
56	IS/IEC 61076-4-110:2001 61076-4-110 Reviewed In : 2024 61076-4-110	Connectors for electronic equipment- Part 4-110: Printed board connectors with assessed quality Detail specification for latched cable connector system having a basic grid of 2.0 mm including full shielding and latching function	July, 2024	-	Identical under single numbering

57	IS/IEC 61076-4-113:2002 61076-113 : 2002 Reviewed In : 2024 61076-113 : 2002	Connectors for electronic equipment – Printed board connectors – Part 4-113: Detail specification for two-part connectors having 5 rows with a grid of 2.54 mm for printed boards and backplanes in bus applications	July, 2024	-	Identical under single numbering
58	IS/IEC 61076-4-115:2003 61076-4-115 Reviewed In : 2024 61076-4-115	Connectors for electronic equipment Part 4-115: Printed board connectors Backplane connector for InfiniBand equipment	September, 2024	-	Identical under single numbering
59	IS/IEC 61076-4-116:2015 61076-4-116 Reviewed In : 2025 61076-4-116	Connectors for electronic equipment Product requirements Part 4-116: Printed board connectors Detail specification for a high-speed two-part connector with integrated shielding function	March, 2025	-	Identical under single numbering
60	IS/QC 960201-4-1:2005 Reviewed In : 2019 IECQC 960201 : Part 4 : Sec 1 : 2005	Electromechanical switches for use in electronic equipment: Part 4: Secal specification for lever (Toggle) switches: Sec 1 blank detail specification	June, 2019	-	Identical under single numbering

### Standards under Development

#### Projects Approved

SI. No.	Doc No.	Title
<i>No Records Found</i>		

#### Preliminary Draft Standards

SI. No.	Doc No.	Title
<i>No Records Found</i>		

#### Drafts Standards in WC Stage

SI. No.	Doc No.	Title
<i>No Records Found</i>		

#### Draft Standards Completed WC Stage

SI. No.	Doc No.	Title
<i>No Records Found</i>		

#### Finalized Draft Indian Standard

SI. No.	Doc No.	Title
<i>No Records Found</i>		

#### Finalized Draft Indian Standards under Print

SI. No.	Doc No.	Title
1	LITD 3 (15177)	Mechanical structures for electronic equipment Dimensions of mechanical structures of the 482 6 mm 19 in series Part 3-101 Subracks and associated plug-in units
2	LITD 3 (15178)	Mechanical structures for electronic equipment Dimensions of mechanical structures of the 482 6

		mm 19 in series Part 3-100 Basic dimensions of front panels subracks chassis racks and cabinets
3	LITD 3 (15179) Revision of: IS 11777:1986	Connectors for frequencies below 3 MHz Part 9 Circular connectors for radio and associated sound equipment
4	LITD 3 (15180)	Electromechanical switches for use in electrical and electronic equipment Part 1 Generic specification
5	LITD 3 (16157)	Connectors for frequencies below 3 MHz for use with printed boards Part 1 Generic specification General requirements and guide for the preparation of detail specifications with assessed quality
6	LITD 3 (16158)	Connectors for frequencies below 3 MHz for use with printed boards Part 2 Detail specification for two-part connectors with assessed quality for printed boards for basic grid of 2 54 mm 0 1 in with common mounting features
7	LITD 3 (16159)	Connectors for frequencies below 3 MHz for use with printed boards Part 3 Two-part connectors for printed boards having contacts spaced at 2 54 mm 0 100 in centres and staggered terminations at that same spacing
8	LITD 3 (16160)	Connectors for frequencies below 3 MHz for use with printed boards Part 4 Two-part connectors for printed boards having contacts spaced at 1 91 mm 0 075 in centres and staggered terminations at that same spacing
9	LITD 3 (16161)	Connectors for frequencies below 3 MHz for use with printed boards Part 5 Edge-socket connectors and two-part connectors for double-sided printed boards with 2 54 mm 0 1 in spacing
10	LITD 3 (16162)	Connectors for frequencies below 3 MHz for use with printed boards Part 6 Edge-socket connectors and printed-board connectors with 2 54 mm 0 1 in contact spacing for single or double-sided printed boards of 1 6 mm 0 063 in nominal thickness
11	LITD 3 (16163)	Connectors for frequencies below 3 MHz for use with printed boards Part 8 Two-part connectors for printed boards for basic grid of 2 54 mm 0 1 in with square male contacts of 0 63 mm x 0 63 mm
12	LITD 3 (16164)	Connectors for frequencies below 3 MHz for use with printed boards Part 11 Detail specification for concentric connectors dimensions for free connectors and fixed connectors
13	LITD 3 (16165)	Connectors for frequencies below 3 MHz for use with printed boards Part 12 Detail specification for dimensions general requirements and tests for a range of sockets designed for use with integrated circuits
14	LITD 3 (16166)	Connectors for frequencies below 3 MHz for use with printed boards - Part 13 Detail specification for two-part connectors of assessed quality for printed boards for basic grid of 2 54 mm 0 1 in with free connectors for non-accessible insulation displacement terminations ID
15	LITD 3 (16167)	Connectors for frequencies below 3 MHz for use with printed boards Part 14 Detail specification for circular connectors for low-frequency audio and video applications such as audio video and audio-visual equipment
16	LITD 3 (16168)	Connectors for electronic equipment Product requirements Part 1 Generic specification
17	LITD 3 (16169)	Connectors with assessed quality for use in dc low-frequency analogue and in digital high-speed data applications - Part 4 Sectional specification - Printed board connectors
18	LITD 3 (16170)	Connectors for electronic equipment Part 4-100 Printed board connectors with assessed quality Detail specification for two-part connector modules having a grid of 2 5 mm for printed boards and backplanes
19	LITD 3 (16171)	Connectors for electronic equipment Part 4-101 Printed board connectors with assessed quality Detail specification for two-part connector modules having a basic grid of 2 0 mm for printed boards and backplanes in accordance with IEC 60917
20	LITD 3 (16172)	Connectors with assessed quality for use in d c low-frequency analogue and in digital high speed data applications Part 4 Printed board connectors Section 102 Detail specification for two-part single-pole connectors for multiple uses on plug-in units with pre-centring coding and early mating features having a metric grid in accordance with IEC 60917
21	LITD 3 (16173)	Connectors for use in dc low-frequency analogue and digital high speed data applications Part 4-103 Printed board connectors with assessed quality Detail specification for two-part connectors with shielding and a basic grid of 2 5 mm
22	LITD 3 (16174)	Connectors for use in d c low frequency analogue and digital high speed data applications Part 4-104 Printed board connectors with assessed quality Detail specification for two-part modular connectors basic grid of 2 0 mm with terminations on a multiple grid of 0 5 mm
23	LITD 3 (16175)	Connectors with assessed quality for use in dc low-frequency analogue and in digital high-speed data applications - Part 4 Printed board connectors - Section 105 Detail specification for 9 mm circular connector with 3 to 8 contacts for use in a wide range of applications including the telecommunication and audio industry
24	LITD 3 (16176)	Connectors for electronic equipment Part 4-107 Printed board connectors with assessed quality

		Detail specification for shielded two-part connectors having a basic grid of 2 0 mm fixed part with solder and press-in terminations for printed boards free part with non-accessible insulation displacement and crimp terminations
25	LITD 3 (16177)	Connectors for electronic equipment - Part 4-108 Printed board connectors with assessed quality -Detail specification for cable-to-board connectors with a modular pitch of 25 mm and integrated shielding function applicable for transverse packing density of 15 mm having a basic grid of 2 5 mm in accordance with IEC 60917-1
26	LITD 3 (16178)	Connectors for electronic equipment- Part 4-110 Printed board connectors with assessed quality Detail specification for latched cable connector system having a basic grid of 2 0 mm including full shielding and latching function
27	LITD 3 (16179)	Connectors for electronic equipment Printed board connectors Part 4-113 Detail specification for two-part connectors having 5 rows with a grid of 2 54 mm for printed boards and backplanes in bus applications
28	LITD 3 (16180)	Connectors for electronic equipment Part 4-115 Printed board connectors Backplane connector for InfiniBand equipment
29	LITD 3 (16181)	Connectors for electronic equipment Product requirements Part 4-116 Printed board connectors Detail specification for a high-speed two-part connector with integrated shielding function
30	LITD 3 (16372)	Capacitors and resistors for use in electronic equipment Preferred dimensions of shaft ends bushes and for the mounting of single-hole bush-mounted shaft-operated electronic components
31	LITD 3 (17870)	Modular order for the development of mechanical structures for electrical and electronic equipment practices Part 1 Generic standard
32	LITD 3 (18176)	Connectors for electrical and electronic equipment Tests and measurements Part 1 Generic specification
33	LITD 3 (18177)	Connectors for Electronic Equipment Tests and Measurements Part 1 General examination Section 1 Test 1a Visual examination
34	LITD 3 (18179)	Connectors for Electronic Equipment Tests and Measurements Part 1 General Examination Section 2 Test 1b Examination of Dimension and Mass
35	LITD 3 (19632)	Environmental testing Part 2 Tests Test Kd Section 43 Hydrogen sulphide test for contacts and connections
36	LITD 3 (19804)	Mechanical structures for electronic equipment Part 3 Dimensions of mechanical structures of the 482 6 mm 19 in series Section 105 Dimensions and design aspects for 1U high chassis
37	LITD 3 (21495)	Environmental testing - Part 2 Tests Section 42 Test Kc Sulphur dioxide test for contacts and connections
38	LITD 3 (23483)	Connectors for electronic equipment - Part - 4 Tests and measurements - Section - 1 Voltage stress tests - Test 4a Voltage proof
39	LITD 3 (23486)	Connectors for electronic equipment Part -4 Tests and measurements Section - 2 Voltage stress tests - Test 4b Partial discharge
40	LITD 3 (23487)	Connectors for electronic equipment Part - 4 Tests and measurements Section - 3 Voltage stress tests - Test 4c Voltage proof of pre-insulated crimp barrels
41	LITD 3 (23495)	Connectors for electronic equipment Part 2 Tests and measurements Section 1 Electrical continuity and contact resistance tests Test 2a Contact resistance Millivolt level method
42	LITD 3 (23496)	Connectors for Electronic Equipment Tests and Measurements Part 2 Electrical Continuity and Contact Resistance Tests Section 2 Test 2b Contact Resistance Specified Test Current Method
43	LITD 3 (23497)	Connectors for Electronic Equipment Tests and Measurements Part 2 Electrical Continuity and Contact Resistance Tests Section 3 Test 2c Contact Resistance Variation
44	LITD 3 (23498)	Connectors for Electronic Equipment Tests and Measurements Part 2 Electrical Continuity and Contact Resistance Tests Section 5 Test 2e Contact Disturbance
45	LITD 3 (23499)	Connectors for electronic equipment Part 2 Tests and measurements Section 6 Electrical continuity and contact resistance tests Test 2f Housing shell electrical continuity
46	LITD 3 (23500)	Connectors for Electronic Equipment Tests and Measurements Part 3 Insulation Tests Section 1 Test 3A Insulation Resistance

**Total Published Standards:51 Total Standards Under development:46**

### Aspect Wise Report

Product : 23  
Code of Practices : 15  
Methods of Test : 6

Terminology : 0  
Dimensions : 16  
System Standard : 0  
Safety Standard : 0  
Others : 0  
Service Specification : 0  
Process Specification : 0  
Unclassified : 0

### Annexure-I :List of Indian Standards Withdrawn/Superseded

SI. No.	IS No. & Year	Title
1	IS 10482 (Part 1):1983 Reviewed In : 2019	Specification for connectors for printed wiring board Part 1 test schedule and requirements
2	IS 10482 (Part 2):1983 Reviewed In : 2019	Specification for connectors for printed wiring board Part 2 male adapter contact spacing 3 962 mm category c type 10482 IS - 01 - 6 10 12 15 16 18 22 - A b - 2 - A - 5 1 27 or 2 54 0 4
3	IS 10482 (Part 3):1983 Reviewed In : 2019	Specification for connectors for printed wiring board Part 3 socket card insertion contact spacing 3 962 mm category a types 10482 IS - 02 - 6 10 12 15 16 18 22 - A b - 2 - A b c - 5 1 - 27 or 2 54 0 4
4	IS 10482 (Part 4):1986 Reviewed In : 2019	Connectors for Printed Wiring Board - Part 4 Socket Card Insertion Contact Spacing 3 962 mm Categories A and AD Types 10482 IS-03
5	IS 10544 (Part 1):1983	Radio Drive Cords Part 1 Braided Nylon Silk Core
6	IS 10544 (Part 2):1983	Radio Drive Cords Part 2 Woven Nylon Glass Core
7	IS 10544 (Part 3):1983	Radio Drive Cords Part 3 Braided Polyester Nylon Core
8	IS 11162 (Part 1):1985 Reviewed In : 2019	Dimensions of non - Insulated terminal tags for electronic equipment Part 1 type 1
9	IS 11162 (Part 2):1985 Reviewed In : 2019	Dimensions of non - Insulated terminal tags for electronic equipment Part 2 type 2
10	IS 11162 (Part 3):1985 Reviewed In : 2019	Dimensions of non - Insulated terminal tags for electronic equipment Part 3 type 3
11	IS 11162 (Part 4):1985 Reviewed In : 2019	Dimensions of non - Insulated terminal tags for electronic equipment Part 4 type 4
12	IS 11162 (Part 5):1985 Reviewed In : 2019	Dimensions of non - Insulated terminal tags for electronic equipment Part 5 type 5
13	IS 11162 (Part 6):1985 Reviewed In : 2019	Dimensions of non - Insulated terminal tags for electronic equipment Part 6 type 6
14	IS 11162 (Part 7):1985 Reviewed In : 2019	Dimensions of non - Insulated terminal tags for electronic equipment Part 7 type 7
15	IS 11162 (Part 8):1985 Reviewed In : 2019	Dimensions of non - Insulated terminal tags for electronic equipment Part 8 type 8
16	IS 11719 (Part 1/Sec 1):1986 Reviewed In : 2022 IEC 60297-2 : 1982	Dimensions of mechanical structures of the 482 6 mm series Part 1 cabinets and pitches of rack structures Sec 1 cabinets
17	IS 11719 (Part 1/Sec 2):1986 Reviewed In : 2022 IEC 60297-2 : 1982	Dimensions of mechanical structures of the 482 6 mm series Part 1 cabinets and pitches of rack structures Sec 2 pitches of rack structures
18	IS 11719 (Part 2/Sec 1):1986 Reviewed In : 2022 IEC 60297-3 :1984	Dimensions of mechanical structures of the 482 6 mm series Part 2 subracks and associated plug - In - Units Sec 1 subracks
19	IS 11719 (Part 2/Sec 2):1986 Reviewed In : 2016 IEC 60297-3 :1984	Dimensions of mechanical structures of the 482 6 mm series Part 2 subracks and associated plug - In units Sec 2 plug - In units

20	IS 11777 (Part 1):1986 Reviewed In : 2016 IEC 60130-9 : 1971	Specification for circular connectors for radio and associated sound equipment for frequencies below 3 mhz including DC Part 1 test schedule and requirements
21	IS 11777 (Part 2):1986 Reviewed In : 2016 IEC 60130-9 : 1971	Specification for circular connectors for radio and associated sound equipment for frequencies below 3 MHz including DC Part 2 free three - Pin connector for microphone type 11777 IS - 01
22	IS 11777 (Part 3):1986 Reviewed In : 2016 IEC 60130-9 : 1971	Specification for circular connectors for radio and associated sound equipment for frequencies below 3mhz including DC Part 3 fixed three - Socket connector for sound equipment type 11777 IS - 02
23	IS 11777 (Part 4):1986 Reviewed In : 2016 IEC 60130-9 : 1971	Specification for circular connectors for radio and associated sound equipment for frequencies below 3 mhz including DC Part 4 free f4e - Pin connector for record player and tape recorder type 11777 IS - 03
24	IS 11777 (Part 5):1986 Reviewed In : 2016 IEC 60130-9 : 1971	Specification for circular connectors for radio and associated sound equipment for frequencies below 3 MHz including DC Part 5 fixed f4e - Socket connector for record player and tape recorder type 11777 IS - 04
25	IS 11777 (Part 6):1987 Reviewed In : 2016 IEC 60130 -9A : 1987	Specification for circular connectors for radio and associated sound equipment for frequencies below 3 MHz including DC Part 6 free seven - Pin connector for stereo tape player with car radio type 11777 IS - 05
26	IS 11777 (Part 7):1987 Reviewed In : 2016 IEC 60130-9A :1975	Specification for circular connectors for radio and associated sound equipment for frequencies below 3 MHz including DC Part 7 fixed seven - Socket connector for stereo tape player with car radio type 11777 IS - 06
27	IS 11777 (Part 8):1987 Reviewed In : 2016 IEC 60130-9A :1975	Specification for circular connectors for radio and associated sound equipment for frequencies below 3 MHz including DC Part 8 free seven pin connector for microphone with remote control type 11777 IS - 07
28	IS 11777 (Part 9):1987 Reviewed In : 2016 IEC 60130-9A :1975	Specification for circular connectors for radio and associated sound equipment for frequencies below 3 MHz including DC Part 9 fixed seven - Socket connector for microphone with remote control type 11777 IS - 08
29	IS 11777 (Part 10):1987 Reviewed In : 2016 IEC 60130-9A :1975	Specification for circular connectors for radio and associated sound equipment for frequencies below 3 MHz including DC Part 10 free six - Pin connector for various applications type 11777 IS - 09
30	IS 11777 (Part 11):1987 Reviewed In : 2016 IEC 60130-9A :1975	Specification for circular connectors for radio and associated sound equipment for frequencies below 3 MHz including DC Part 11 fixed six - Socket connector for various applications type 11777 IS - 10
31	IS 11777 (Part 12):1987 Reviewed In : 2016 IEC 60130-9A :1975	Specification fod circular connectors for radio and associated sound equipment for frequencies below 3 MHz including DC Part 12 free six - Socket connector for various applications type 11777 IS - 11
32	IS 11777 (Part 13):1987 Reviewed In : 2016 IEC 60130-9A :1975	Specification for circular connectors for radio and associated sound equipment for frequencies - Below 3 MHz including DC Part 13 fixed six - Pin connector for various applicatio - Ns type 11777 IS - 12
33	IS 11777 (Part 14):1987 Reviewed In : 2016 IEC 60130-9B : 1975	Specification for circular connectors for radio and associated sound equipment for frequencies below 3 MHz including DC Part 14 free eight - Pin connector for microphone and other various applications type 11777 IS - 13
34	IS 11777 (Part 15):1987 Reviewed In : 2016 IEC 60130-9B : 1975	Specification for circular connectors for radio and associated sound equipment for frequencies below 3 MHz including DC Part 15 fixed eight - Socket connector for microphone and other applications type 11777 IS - 14
35	IS 11778 (Part 1):1987 Reviewed In : 2019	Specification for low frequency threaded coupling circular connectors Part 1 test schedule and requirements
36	IS 11779 (Part 1):1987 Reviewed In : 2022 IEC 60130-7 : 1971	Specification for low frequency miniature bayonet coupling circular connectors Part 1 test schedule and requirements
37	IS 11867:1987 Reviewed In : 1998	Portable X Or Gamma Radiation Exposure Rate Meters And Monitors For Use In Radiological Protection
38	IS 11885:1987 Reviewed In : 1998	Multichannel Amplitude Analyzers
39	IS 12195 (Part 1/Sec 1):1987 Reviewed In : 2019	Dimensions of sockets for relays used in electronic and telecommunication equipment Part 1 sockets for armature relays Sec 1 8 pin socket
40	IS 12195 (Part 1/Sec 2):1987	Dimensions of sockets for relays used in electronic and telecommunication equipment Part 1 sockets for armature relays Sec 2 11 pin socket

	Reviewed In : 2019	
41	IS 12420 (Part 2):1988 Reviewed In : 2019	Specification for circular audio connectors Part 2 socket f4e contacts nonrigid type 12420 IS - 01
42	IS 12420 (Part 3):1988 Reviewed In : 2019	Specification for circular audio connectors Part 3 plug f4e contacts nonrigid type 12420 IS - 02
43	IS 12420 (Part 4):1988 Reviewed In : 2019	Specification for circular audio connectors Part 4 plug f4e contacts rigid type 12420 IS - 03
44	IS 12420 (Part 5):1988 Reviewed In : 2019	Specification for circular audio connectors Part 5 plug ten contacts rigid type 12420 IS - 04
45	IS 12420 (Part 6):1988 Reviewed In : 2019	Specification for circular audio connectors Part 6 plug ten contacts nonrigid type 12420 IS - 05
46	IS 12420 (Part 7):1988 Reviewed In : 2019	Specification for circular audio connectors Part 7 socket ten contacts nonrigid type 12420 IS - 06
47	IS 12420 (Part 8):1988 Reviewed In : 2019	Specification for circular audio connectors Part 8 plug ten contacts rigid type 12420 IS - 07
48	IS 12448 (Part 1):1988 Reviewed In : 2016 IEC 60512-1 : 1984	Basic testing procedures and measuring methods for electromechanical components for electronic equipment Part 1 general
49	IS 12448 (Part 2/Sec 1):1988 Reviewed In : 2019 IEC 60512 -2 : 1985	Basic testing procedures and measuring methods for electrotechnical components for electronic equipment Part 2 general examination electrical continuity and contact resistance tests insulation tests and voltage stress tests Sec 1 general examination
50	IS 12448 (Part 2/Sec 2):1988 Reviewed In : 2016 IEC 60512 -2 : 1985	Basic testing procedures and measuring methods for electromechanical components for electronic equipment Part 2 general examination electrical continuity and contact resistance tests insulation tests and voltage stress tests Sec 2 electrical continuity and contact resistance tests
51	IS 12448 (Part 2/Sec 3):1988 Reviewed In : 2016 IEC 60512 -2 : 1985	Basic testing procedures and measuring methods for electromechanical components for electronic equipment Part 2 general examination electrical continuity and contact resistance tests insulation tests and voltage stress tests Sec 3 insulation tests
52	IS 12448 (Part 2/Sec 4):1988 Reviewed In : 2016 IEC 60512 -2 : 1985	Basic testing procedures and measuring methods for electromechanical components for electronic equipment Part 2 general examination electrical continuity and contact resistance tests insulation tests and voltage stress tests Sec 4 voltage stress tests
53	IS 12448 (Part 3):1989 Reviewed In : 2022 IEC 60512-3 : 1976	Basic testing procedures and measuring methods for electromechanical components for electronic equipment Part 3 current - Carrying capacity tests
54	IS 12448 (Part 4):1989 Reviewed In : 2022 IEC 60512-4 : 1976	Basic testing procedures and measuring methods for Electromechanical components for electronic equipment Part 4 dynamic stress tests
55	IS 12448 (Part 5/Sec 1):1989 Reviewed In : 2016 IEC 60512-5 : 1977	Basic testing procedures and measuring methods for electromechanical components for electronic equipment Part 5 impact tests Free Components static load tests Fixed Components endurance tests and overload tests Sec 1 impact tests Free Components
56	IS 12448 (Part 5/Sec 2):1989 Reviewed In : 2016 IEC 60512-5 : 1977	Basic testing procedure and measuring methods for electromechanical components Part 5 Fixed For Electronic Equipment Impact Tests Free Components static load tests components endurance tests and overload tests Sec 2 static load tests Fixed Components
57	IS 12448 (Part 5/Sec 3):1989 Reviewed In : 2016 IEC 60512-5 : 1977	Basic testing measuring standard procedures and methods for electromechanical components for electronic equipment Part 5 impact tests Free Components static load tests Fixed Components endurance tests and overload tests Sec 3 endurance tests
58	IS 12448 (Part 5/Sec 4):1989 Reviewed In : 2016 IEC 60512-5 : 1977	Basic testing procedures and measuring methods for electromechanical components for electronic equipment Part 5 impact tests Free Components static load tests Fixed Components endurance tests and overload tests Sec 4 overload tests
59	IS 12448 (Part 6):1991 Reviewed In : 2022 IEC 6051-6 : 1991	Basic testing procedures and measuring methods for electromechanical components for electronic equipment Part 6 climatic tests and soldering tests

60	IS 12448 (Part 7):1990 Reviewed In : 2022 IEC 60512-7 : 1998	Basic testing procedures and measuring methods for electromechanical components for electronic equipment Part 7 mechanical operating tests and sealing tests
61	IS 12448 (Part 8):1992 Reviewed In : 2022 IEC 60512 -8 : 1977	Basic testing procedures and measuring methods for electromechanical components for electronic equipment Part 8 connector tests Mechanical and mechanical tests on contacts and terminations
62	IS 12448 (Part 9):1992 Reviewed In : 2016 IEC 60512-9 : 1977	Basic testing procedures and measuring methods for electromechanical components for electronic equipment Part 9 Cable-clamping tests explosion hazard tests chemical resistance tests fire hazard tests of
63	IS 1885 (Part 40):1974 Reviewed In : 2019	Electrotechnical vocabulary Part 40 connectors
64	IS 1885 (Part 67):1988 Reviewed In : 2021 IEC 60916 : 1988	Electrotechnical vocabulary Part 67 mechanical structures for electronic equipment
65	IS 2612:1965	Recommendation for type approval and sampling procedures for electronic components
66	IS 2628 (Part 1):1964 Reviewed In : 2016 IEC 60132-1 : 1962	Specification for rotary wafer switches Low Current Rating Part 1 tests and general requirements
67	IS 2628 (Part 2):1967 Reviewed In : 2016 IEC 60132-1 : 1962	Specification for rotary wafer switches Low Current Rating Part 2 rotary wafer switches with central mounting
68	IS 2926:1964 Reviewed In : 2019 IEC DOC 48 (CO )17	Dimensions of connectors for radio batteries
69	IS 3452 (Part 1):1966 Reviewed In : 2016 IEC 60131-1 : 1962	Toggle Switches - Part I General Requirements and Tests
70	IS 3452 (Part 2):1970 Reviewed In : 2016 IEC 60131-2 : 1963	Specification for toggle switches Part 2 toggle switches type i and type ii
71	IS 3544:2009 Reviewed In : 2019	General requirements and tests for tag strips First Revision
72	IS 3826 (Part 2):1970 Reviewed In : 2022 IEC Pub 130-3	Specification for connectors for frequencies below 3 MHz Part 2 battery connectors for electronic equipment
73	IS 4007 (Part 1):1982 Reviewed In : 2019	Specification for terminals for electronic equipment Part 1 general requirements and tests First Revision
74	IS 4007 (Part 2/Sec 1):1983 Reviewed In : 2019	Specification for terminals for electronic equipment Part 2 detail specification for terminals Sec 1 terminal insulated with insulated captive screw cap type TSC 1
75	IS 4007 (Part 2/Sec 2):1983 Reviewed In : 2019	Specification for terminals for electronic equipment Part 2 details specification for terminals Sec 2 terminal non - Insulated with insulated captive screw cap type TSC 2
76	IS 4007 (Part 2/Sec 3):1983 Reviewed In : 2019	Specification for terminals for electronic equipment Part 2 detail specification for terminals Sec 3 terminal non - Insulated with insulated captive screw cap type TSC 3
77	IS 4007 (Part 2/Sec 4):1983 Reviewed In : 2019	Specification for terminals for electronic equipment Part 2 detail specification for terminals Sec 4 terminal insulated with insulated captive screw cap type TSC 4
78	IS 4007 (Part 2/Sec 5):1983 Reviewed In : 2019	Specification for terminals for electronic equipment Part 2 detail specification for terminals Sec 5 terminals insulated side slotted with insulated captive screw cap type TSC 5
79	IS 4007 (Part 2/Sec 6):1983 Reviewed In : 2019	Specification for terminals for electronic equipment Part 2 detail specification for terminals Sec 6 terminal non - Insulated with insulated captive spring cap tapped hole panel mounting type tsl 1
80	IS 4007 (Part 2/Sec 7):1983 Reviewed In : 2019	Specification for terminals for electronic equipment Part 2 detail specification for terminals Sec 7 terminal non - Insulated with insulated captive spring cap type tsl 2
81	IS 4007 (Part 2/Sec 8):1983 Reviewed In : 2019	Specification for terminals for electronic equipment Part 2 detail specification for terminals Sec 8 terminal insulated with insulated captive spring cap type TSL 3
82	IS 4007 (Part 2/Sec 9):1983 Reviewed In : 2019	Specification for terminals for electronic equipment Part 2 detail specification for terminals Sec 9 terminal insulated with insulated captive spring cap type TSL 4
83	IS 4007 (Part 2/Sec 10):1983 Reviewed In : 2019	Specification for terminals for electronic equipment Part 2 detail specification for terminals Sec 10 terminal insulated with insulated captive spring cap type TSL 6

84	IS 4586 (Part 1/Sec 1):1987 Reviewed In : 2016 IEC 60390 : 1972	Dimensions of spindles and mounting arrangements for spindle operated electronic components Part 1 spindles Sec 1 general and definitions Second Revision
85	IS 4586 (Part 1/Sec 2):1987 Reviewed In : 2016 IEC 60390 : 1972	Dimensions of spindles and mounting arrangements for spindle operated electronic components Part 1 spindle Sec 2 plain round spindle Second Revision
86	IS 4586 (Part 1/Sec 3):1987 Reviewed In : 2016 IEC 60390 : 1972	Dimensions of spindles and mounting arrangements for spindle operated electronic components Part 1 spindles Sec 3 flatted spindles Second Revision
87	IS 4586 (Part 1/Sec 4):1987 Reviewed In : 2016 IEC 60390 : 1972	Dimensions of spindles and mounting arrangements for spindle operated electronic components Part 1 spindles Sec 4 slotted spindles Second Revision
88	IS 4586 (Part 1/Sec 5):1987 Reviewed In : 2016 IEC 60390 : 1972	Dimensions of spindles and mounting arrangements for spindle operated electronic components Part 1 spindles Sec 5 hollow spindles Second Revision
89	IS 4586 (Part 1/Sec 6):1987 Reviewed In : 2016 IEC 60390 : 1972	Dimensions of spindles and mounting arrangements for spindle operated electronic components Part 1 spindles Sec 6 coupling spindle Second Revision
90	IS 4586 (Part 1/Sec 7):1987 Reviewed In : 2016 IEC 60390 : 1972	Dimensions of spindles and mounting arrangements for spindle operated electronic components Part 1 spindles Sec 7 concentric spindle Second Revision
91	IS 4586 (Part 1/Sec 8):1987 Reviewed In : 2016 IEC 60390 : 1972	Dimensions of spindles and mounting arrangements for spindle operated electronic components Part 1 spindles Sec 8 double flatted spindle Second Revision
92	IS 4586 (Part 1/Sec 9):1987 Reviewed In : 2016 IEC 60390 : 1972	Dimensions of spindles and mounting arrangements for spindle operated electronic components Part 1 spindles Sec 9 knurled spindle Second Revision
93	IS 4586 (Part 1/Sec 10):1978 Reviewed In : 2016 IEC 60390 : 1972	Dimensions of spindles and mounting arrangements for spindle operated electronic components Part 1 spindles Sec 10 slotted and knurled spindle First Revision
94	IS 4586 (Part 2/Sec 1):1980 Reviewed In : 2016 IEC 60620 : 1978	Dimensions of spindles and mounting arrangements for spindle operated electronic components Part 2 mounting arrangements Sec 1 components and panels cut - Outs First Revision
95	IS 4586 (Part 2/Sec 2):1980 Reviewed In : 2019	Dimensions of spindle and mounting arrangements for spindle operated electronic components Part 2 mounting arrangements Sec 2 fixing nuts First Revision
96	IS 4794 (Part 1):1968 Reviewed In : 2016 IEC 60048(CO)9	Specification for push - Button switches Part 1 general requirements and tests
97	IS 4794 (Part 2):1986 Reviewed In : 2019	Specification for push - Button switches Part 2 push - Button switches type 1 Incorporating Amendment No 1
98	IS 4795 (Part 1):2009 Reviewed In : 2019	Holders for indicator lamps for electronic and telecommunication equipment - Specificaiton Part 1 general requirements and tests First Revision
99	IS 4795 (Part 2):1978 Reviewed In : 2019	Specification for holders for indicator lamps for electronic and telecommunication equipment Part 2 type E10 E14 and BA9
100	IS 5033:1969 Reviewed In : 2019	Specification for telescopic aerials for portable radio receivers
101	IS 5051 (Part 1):1982 Reviewed In : 2019	Specification for relays for electronics and telecommunication equipment Part 1 general requirements and tests First Revision
102	IS 5051 (Part 2/Sec 13):1982 Reviewed In : 2019	Specification for relays for electronics and telecommunication equipment Part 2 reed relays
103	IS 5051 (Part 3/Sec 1):1985 Reviewed In : 2019	Specification for relays for electronics and telecommunication equipment Part 3 armature relays non - Sealed Sec 1 type RA 1
104	IS 6089 (Part 1):1971 Reviewed In : 2016 IEC 60163	Specification for sensit4e switches Part 1 general requirements and tests
105	IS 6089 (Part 2):1985 Reviewed In : 2019	Specification for sensitive switches Part 2 SPDT unsealed type 1

106	IS 6102 (Part 1):2009 Reviewed In : 2019	Finger knobs used in electronic and telecommunication equipment - Specificaiton Part 1 general requirements and tests First Revision
107	IS 7751 (Part 1):1975 Reviewed In : 2019	Specification for slide switches Part 1 general requirements and tests
108	IS 7751 (Part 2):1985 Reviewed In : 2019	Specification for slide switches Part 2 slide switches type 1
109	IS 9000 (Part 25):1980 Reviewed In : 2021	Basic environmental testing procedures for electronic and electrical items Part 25 hydrogen sulphide test for contacts and connections
110	IS 9000 (Part 26):1980 Reviewed In : 2021	Basic environmental testing procedures for electronic electrical items Part 26 sulphur dioxide test for contacts and connections
111	IS 9001 (Part 6):1980 Reviewed In : 2019	Guidance for environmental testing Part 6 hydrogen sulphide test for contacts and connections
112	IS 9001 (Part 7):1980 Reviewed In : 2019	Guidance for environmental testing Part 7 sulphur dioxide test for contacts and connections
113	IS/QC 960000:1995 Reviewed In : 2019 IECQC 960000 : 1995	Electromechanical switches for use in electronic equipment - Part 1 generic specification
114	IS/QC 960100:2000 Reviewed In : 2019 IECQC 960100 : 2000	Electromechanical switches for use in electronic equipment - Part 2 Secal specification for rotary switches
115	IS/QC 960101:2000 Reviewed In : 2019 IECQC 960101 : 2000	Electromechanical switches for use in electronic equipment - Part 2 Secal specification for rotary switches Sec 1 blank detail specification
116	IS/QC 960201:2007 Reviewed In : 2019 IECQC 960201 : 2007	Electromechanical switches for use in electronic equipment Part 4 Sectional specification for lever toggle switches Section 1 Blank detail specification
117	IS/QC 960300:1999 Reviewed In : 2019 IECQC 960300 : 1999	Electromechanical switches for use in electronic equipment Part 6 Secal specification for sensit4e switches
118	IS/QC 960301:1999 Reviewed In : 2019 IECQC 960301 : 1999	Electromechanical switches for use in electronic equipment Part 6 Secal specification for sensitive switches Sec 2 detail specification for one pole unsealed subminiature sensitive switches 250 v maximum 5 a maximum electrical rating
119	IS/QC 960400:1999 Reviewed In : 2019 IECQC 960400 : 1999	Electromechanical switches for use in electronic equipment Part 5 Secal specification for pushbutton switches
120	IS/QC 960500:1999 Reviewed In : 2019 IECQC 960500 : 1999	Electromechanical switches for use in electronic equipment Part 3 Secal specification for in - Line package switches
121	IS/QC 960501-3-1:2007 Reviewed In : 2019 IECQC 960501 : Part 3 : Sec 1 : 2007	Electromechanical switches for use in electronic equipment Part 3 Secal specification for in - Line package switches Sec 1 blank detail sdopecification
122	IS 9606:1980 Reviewed In : 2016 IEC 60297 : 1975	Dimensions of panels and racks 482 6 Mm System
123	IS 9647:1986 Reviewed In : 2016 IEC 60130 -1 : 1962	General requirements and methods of tests for low frequency connectors below 3 mhz including dc First Revision
124	IS 9891 (Part 1):1981 Reviewed In : 2019	Specification for edge connectors for printed wiring board and insulated board having a contact pitch of 2 54 mm Part 1 test schedule and requirements
125	IS 9891 (Part 2):1981 Reviewed In : 2019	Specification for edge connectors for printed wiring board and insulated board having contact pitch 2 54 mm Part 2 non - Polarised plug types 9891 IS - 01-11 25 33 - W - A - 0 75
126	IS 9891 (Part 3):1981 Reviewed In : 2019	Specification for edge connectors for printed wiring board and insulated board having contact pitch 2 54 mm Part 3 non - Polarised plug types 9891 IS - 02 - 11 25 33 - L - A - 0 75
127	IS 9891 (Part 4):1981 Reviewed In : 2019	Specification for edge connectors for 1 printed wiring board and insulated board having contact pitch 2 54 mm Part 4 non - Polarised socket types 9891 IS - 03 - 11 25 33 - W 1 - A b - 0 75

## Annexure-II :List of Indian Product Standards

SI. No.	IS No. & Year	Title
1	IS/IEC 60603-2:1995 60603-2 : 1995 Reviewed In : 2024	Connectors for frequencies below 3 MHz for use with printed boards Part 2 Detail specification for two-part connectors with assessed quality for printed boards for basic grid of 2.54 mm 0.1 in with common mounting features
2	IS/IEC 60603-3:1987 60603-3 :1987 Reviewed In : 2024	Connectors for frequencies below 3 MHz for use with printed boards Part 3 Two-part connectors for printed boards having contacts spaced at 2.54 mm 0.100 in centres and staggered terminations at that same spacing
3	IS/IEC 60603-4:1987 60603-4 : 1987 Reviewed In : 2024 IEC 60068-2-6 : 2007	Connectors for frequencies below 3 MHz for use with printed boards Part 4 Two-part connectors for printed boards having contacts spaced at 1.91 mm 0.075 in centres and staggered terminations at that same spacing
4	IS/IEC 60603-5:1987 60603-5 Reviewed In : 2024 ISO 4427-1 and 3	Connectors for frequencies below 3 MHz for use with printed boards Part 5 Edge-socket connectors and two-part connectors for double-sided printed boards with 2.54 mm 0.1 in spacing
5	IS/IEC 60603-6:1987 60603-6 : 1987 Reviewed In : 2024 ISO 12642-2:2006	Connectors for frequencies below 3 MHz for use with printed boards Part 6 Edge-socket connectors and printed-board connectors with 2.54 mm 0.1 in contact spacing for single or double-sided printed boards of 1.6 mm 0.063 in nominal thickness
6	IS/IEC 60603-8:1990 60603-8: 1990 Reviewed In : 2024	Connectors for frequencies below 3 MHz for use with printed boards Part 8 Two-part connectors for printed boards for basic grid of 2.54 mm 0.1 in with square male contacts of 0.63 mm x 0.63 mm
7	IS/IEC 60603-11:1992 60603-11:1992 Reviewed In : 2024	Connectors for frequencies below 3 MHz for use with printed boards Part 11 Detail specification for concentric connectors dimensions for free connectors and fixed connectors
8	IS/IEC 60603-12:1992 60603-12: 1992 Reviewed In : 2024	Connectors for frequencies below 3 MHz for use with printed boards Part 12 Detail specification for dimensions general requirements and tests for a range of sockets designed for use with integrated circuits
9	IS/IEC 60603-13:1995 60603-13 Reviewed In : 2024	Connectors for frequencies below 3 MHz for use with printed boards - Part 13 Detail specification for two-part connectors of assessed quality for printed boards for basic grid of 2.54 mm 0.1 in with free connectors for non-accessible insulation displacement terminations ID
10	IS/IEC 60603-14:1998 60603-14 : 1998 Reviewed In : 2024 ISO 15681-Part1: 2003	Connectors for frequencies below 3 MHz for use with printed boards Part 14 Detail specification for circular connectors for low-frequency audio and video applications such as audio video and audio-visual equipment
11	IS/IEC 61020-1:2019 61020-1-2019 Reviewed In : 2024 ISO 14708-7:2019	Electromechanical switches for use in electrical and electronic equipment Part 1 Generic specification
12	IS/IEC 61076-4-100:2001 61076-4-100 : 2001 Reviewed In : 2024 63042-201	Connectors for electronic equipment Part 4-100 Printed board connectors with assessed quality Detail specification for two-part connector modules having a grid of 2.5 mm for printed boards and backplanes
13	IS/IEC 61076-4-101:2001 61076-4-101 Reviewed In : 2024 14443-4:2018	Connectors for electronic equipment Part 4-101 Printed board connectors with assessed quality Detail specification for two-part connector modules having a basic grid of 2.0 mm for printed boards and backplanes in accordance with IEC 60917
14	IS/IEC 61076-4-102:1997 61076-4-102 : 1997 Reviewed In : 2024 ISO 10322-2: 2016	Connectors with assessed quality for use in d c low-frequency analogue and in digital high speed data applications Part 4 Printed board connectors Section 102 Detail specification for two-part single-pole connectors for multiple uses on plug-in units with pre-centring coding and early mating features having a metric grid in accordance with IEC 60917
15	IS/IEC 61076-4-103:1999 61076-4-103 : 1999 Reviewed In : 2024 ISO 3630-1:2019	Connectors for use in dc low-frequency analogue and digital high speed data applications Part 4-103 Printed board connectors with assessed quality Detail specification for two-part connectors with shielding and a basic grid of 2.5 mm
16	IS/IEC 61076-4-104:1999 61076-4-104 Reviewed In : 2024 ISO/TR 13014 : 2012	Connectors for use in d c low frequency analogue and digital high speed data applications Part 4-104 Printed board connectors with assessed quality Detail specification for two-part modular connectors basic grid of 2.0 mm with terminations on a multiple grid of 0.5 mm

17	IS/IEC 61076-4-105:1995 61076-4-105 Reviewed In : 2024 IEC 60050-725:1994	Connectors with assessed quality for use in dc low-frequency analogue and in digital high-speed data applications - Part 4 Printed board connectors - Section 105 Detail specification for 9 mm circular connector with 3 to 8 contacts for use in a wide range of applications including the telecommunication and audio industry
18	IS/IEC 61076-4-107:2001 61076-4-107 Reviewed In : 2024 ISO 18611-1:2014	Connectors for electronic equipment Part 4-107 Printed board connectors with assessed quality Detail specification for shielded two-part connectors having a basic grid of 2 0 mm fixed part with solder and press-in terminations for printed boards free part with non-accessible insulation displacement and crimp terminations
19	IS/IEC 61076-4-108:2002 61076-4-108 Reviewed In : 2024	Connectors for electronic equipment - Part 4-108 Printed board connectors with assessed quality -Detail specification for cable-to-board connectors with a modular pitch of 25 mm and integrated shielding function applicable for transverse packing density of 15 mm having a basic grid of 2 5 mm in accordance with IEC 60917-1
20	IS/IEC 61076-4-110:2001 61076-4-110 Reviewed In : 2024	Connectors for electronic equipment- Part 4-110 Printed board connectors with assessed quality Detail specification for latched cable connector system having a basic grid of 2 0 mm including full shielding and latching function
21	IS/IEC 61076-4-113:2002 61076-113 : 2002 Reviewed In : 2024 ISO 14502-1:2005	Connectors for electronic equipment Printed board connectors Part 4-113 Detail specification for two-part connectors having 5 rows with a grid of 2 54 mm for printed boards and backplanes in bus applications
22	IS/IEC 61076-4-115:2003 61076-4-115 Reviewed In : 2024 ISO/TR 10929 : 2012	Connectors for electronic equipment Part 4-115 Printed board connectors Backplane connector for InfiniBand equipment
23	IS/IEC 61076-4-116:2015 61076-4-116 Reviewed In : 2025 ISO 22776 : 2004	Connectors for electronic equipment Product requirements Part 4-116 Printed board connectors Detail specification for a high-speed two-part connector with integrated shielding function