

## **BUREAU OF INDIAN STANDARDS**

## **Program of Work**

## LITD 5: Semiconductor And Other Electronic Components And Devices

Scope: To prepare Indian standards relating to: a) Semiconductor devices & integrated circuits. b)

Capacitors, resistrs, allied component c) Discrete semiconductor devices & micro-

electromechanical systems d) Electronic assembly technologies and printed board assemblies.

e) Capacitors resistors and inductors for use in electronics equipment.

Liaison: IEC TC-40 (P): Capacitors and resistors for electronic equipment IEC

TC-47 (O): Semiconductor devices IEC TC-47 SC-47A (O): Integrated circuits IEC

TC-91 (P): Electronics assembly technology IEC TC-47 SC-47D (O): Semiconductor devices

packaging IEC TC-47 SC-47E (O): Discrete semiconductor devices IEC TC-47

**SC-47F** (**O**): *Micro electromechanical* 

## **Published Standards**

S.No	IS No.	TITLE	Reaffirm M-Y	No. of Amds	Eqv.
1	IS/QC 001001:	IEC quality assessment system for	March, 2024	-	Identical under single
	2000	electronic components (IECQ) -			numbering
	Reviewed In: 2024	Basic rules (First Revision)			
	IECQC 001001				
2	IS/QC 001002-1:	IEC quality assessment system for	March, 2024	-	Identical under single
	2000	electronic components (IECQ) -			numbering
	Reviewed In: 2024	Rules of procedure: Part 1			
	IECQC	administration (First Revision)			
	001002-1:1998				
3	IS/QC 001002-2:	IEC quality assessment system for	March, 2024	-	Identical under single
	2000	electronic components (IECQ) -			numbering
	Reviewed In: 2024	Rules of procedure: Part 2			
	IECQC 001002-2:	Documentation (First Revision)			
	1998				
4	IS/QC 001002-3:	IEC quality assessment system for	March, 2024	-	Identical under single
	2000	electronic components (IECQ) -			numbering
	Reviewed In: 2024	Rules of procedure: Part 3 approval			
	IEC QC 001002-3	procedures (First Revision)			
	:1998				
5	IS/QC 001003:	IEC quality assessment system for	March, 2024	-	Identical under single
	2000	electronic components (IECQ) -			numbering
	Reviewed In: 2024	Guidance documents			
	IECQC 001003				
6	IS 10249 (Part 1):	Specification for voltage dependent	December, 2021	-	Indigenous
	1982	resistors (Varistors): Part 1 general			
		requirements and methods of tests			
7	IS 11392 (Part 1/Sec	Dimensions of mounting	February, 2023	-	Indigenous
	2): 1988	accessories of pot cores for printed			
1	I	1		I	ı

I.	Paviawad In : 2022	circuit board mountings: Part 1 for		1	1
	Reviewed III: 2023	pot core of size 18 x 11 mm: Sec 2			
		type 2			
8 IS	S 11534 (Part 1):	Specification for directly heated	December, 2021	-	Modified/Technically
	1985	positive step - Function			Equivalent
R	Reviewed In: 2021	temperature coefficient			
II	EC 60738-1 :1982	thermistors: Part 1 general			
		requirements and methods of tests			
9 13	S 12970 (Part 1):	Semiconductor devices integrated	December, 2021	-	Identical under dual
	2010	circuits: Part 1 general			numbering
	Reviewed In : 2021				
	EC 60748-1:2002 S 12970 (Part 2) :	Semiconductor devices - Integrated	March, 2024		Identical under dual
	2021	circuits: Part 2 Digital integrated	Maich, 2024	-	numbering
	EC 60748-2: 1997	circuits essential ratings and			numbering
	Reviewed In : 2024	characteristics Sec 1 General			
	EC 60748-2: 1997				
	S 12970 (Part 3):	Semiconductor devices Integrated		-	Identical under dual
	2021	circuits Part 3 Analogue integrated			numbering
II	EC 60748-3: 1994	circuits Superseding 1 IS			
II	EC 60748-3: 1994	12970Part 5Sec 1:1991 2 IS			
		12970Part 5Sec 2:1992 3 IS			
		12970Part 5Sec 3:1992 4 IS			
		12970Part 5Sec 4:1992 5 IS			
		12970Part 5Sec 5:1993 6 IS			
10 17		12970Part 5Sec			
12 IS	(S 13247 (Part 1):	Passive filter units for		-	Identical under dual
	2021 EC 60939-1: 2010	electromagnetic interference			numbering
	EC 60939-1: 2010 EC 60939-1: 2010	suppression Part 1 Generic			
	EC 00939-1: 2010	specification First Revision and Superseding 1 IS 3723Part 1:1978			
		2 IS 3723Part 2:1983 and 3 IS			
		3723Part 3:1983			
13 IS	S 13247 (Part 2):	Passive filter units for		_	Identical under dual
	2021	electromagnetic interference			numbering
	EC 60939-2:2005	suppression Part 2 Sectional			
I	IEC 60939-2:2005	specification Passive filter units for			
		which safety tests are appropriate			
		Test methods and general			
		requirements First Revision of IS			
		13247 Part 2			
		Measurement of the Dimensions of	-	-	Identical under dual
	IEC 60294 : 2012	a Cylindrical Component with			numbering
	IEC 60294 : 2012	Axial Terminations ( First Revision			
15	IS 13562 : 1992	Terminology related to	December, 2021	_	Modified/Technically
	Reviewed In : 2021	microprocessors	December, 2021	_	Equivalent
	IEC 60824	inicroprocessors			Equivalent
16 IS	(S 14901 (Part 1):	Semiconductor devices - Discrete	February, 2022	-	Identical under dual
	· · · · · ·	devices and integrated circuits: Part	<b>J</b> ,		numbering
II	EC 60747-1: 2006	1 general (First Revision)			
R	Reviewed In: 2022	- ' '			
	EC 60747-1: 2006				
17 IS	S 14901 (Part 2):	Semiconductor Devices Part 2	-	-	Identical under dual
1 1	2020	Discrete Devices — Rectifier			numbering
	EC 60747-2: 2016	Diodes (First Revision)			
1					
II	EC 60747-2 : 2016	0 1 1 5	1 2000		X1 1 1 1 1
II		Semiconductor Devices Discrete Devices Part 3 Signal, Switching	August, 2022	-	Identical under dual numbering

1	IEC 60747-3: 2013	and Regulator Diodes			
	Reviewed In: 2022				
<u></u>	IEC 60747-3				
19	IS 14901 (Part 5):	Semiconductor devices - Discrete	December, 2021	2	Identical under dual
		devices and integrated circuits: Part			numbering
	IEC 60747-5	5 optoelectronic devices			
	Reviewed In : 2021				
20	IEC 60747-5:1992	Semiconductor Devices —			Identical under dual
20	IS 14901 (Part 7): 2020	Discrete Devices Part 7 Bipolar	-	-	
	IEC 60747-7 : 2010	-			numbering
	IEC 60747-7 : 2010	` '			
21	IS 14901 (Part 8):	Semiconductor Devices —		_	Identical under dual
	2020	Discrete Devices Part 8 Field-			numbering
	IEC 60747-8 : 2010				namoering
	IEC 60747-8 : 2010	`			
22	IS 15866 (Part 1):	Fixed inductors for	December, 2021	-	Identical under dual
	2010	electromagnetic interference	,		numbering
	IEC 60938-1:2006	suppression: Part 1 generic			
	Reviewed In: 2021	specification			
	IEC 60938-1:2006				
23	IS/QC 300000:	Fixed capacitors for use in	March, 2021	-	Identical under single
	1988	electronic equipment generic			numbering
	Reviewed In: 2021	specification			
	IECQC 300000:1982				
24	IS/QC 300100:	Fixed capacitors for use in	March, 2021	-	Identical under single
	1988	electronic equipment: Sectional			numbering
	Reviewed In: 2021	specification: fixed polyethrsylene			
	IECQC 300100:	- Terephthalate film dielectric			
2.7	1982	metal foil DC capacitor	1, 1, 2021		*1
25	IS/QC 300201 :	Fixed capacitors for use in	March, 2021	1	Identical under single
	2000 Reviewed In : 2021	electronic equipment: Part 15			numbering
	IECQC 300201:	blank detail specification: fixed			
	1984	tantalum capacitors with solid electrolyte and porous anode			
	1904	assessment level E			
26	IS/QC 300301 :	Fixed capacitors for use in	March, 2021	_	Identical under single
20	1993	electronic equipment blank detail	171df C11, 2021		numbering
	Reviewed In: 2021	specification aluminium			namoering
	Reaffirmed but not	electrolytic capacitors with non -			
		Solid electrolyte assessment level E			
	IECQC 300301:	, and the second			
	1985				
27	IS/QC 300401:	Fixed capacitors for use in	March, 2021	-	Identical under single
	1988	electronic equipment blank detail			numbering
	Reviewed In: 2021	specification fixed metallized			
	Reaffirmed but not	polyethylene - Terephthalate film			
	taken up for revision	-			
	IECQC 300401:	assessment level e			
	1982	71 1			
28	IS/QC 300600 :	Fixed capacitors for use in	March, 2021	-	Identical under single
	1993	electronic equipment - Sectional			numbering
	Reviewed In: 2021	specification for fixed capacitors			
	IECQC 300600: 1988	of ceramic dielectric, class 1			
29	IS/QC 300601 :	Fixed capacitors for use in	March, 2021		Identical under single
L 29	1993	electronic equipment,blank detail	iviaicii, 2021	_	numbering
	Reviewed In: 2021	specification for fixed capacitors			numbering
	Reaffirmed but not				
1	Troussissing out not	or comme diciocare, ciass			1

	taken up for revision IECQC 300601: 1988	1,assessment level E			
30	IS/QC 300701: 1993 Reviewed In: 2021 Reaffirmed but not taken up for revision IECQC 300701: 1988	Fixed Capacitors for Use in Electronic Equipment Sectional Fixed Capacitors of Ceramic Dielectric, Class 2	March, 2021	-	Identical under single numbering
31	IS/QC 300800 : 1994 Reviewed In : 2020 IECQC 300800: 1989	Fixed capacitors for use in electronic equipment: Sectional specification for fixed tantalum chip capacitors	September, 2020	-	Identical under single numbering
32	IS/QC 300801: 1993 Reviewed In: 2020 Reaffirmed but not taken up for revision IECQC 300801		September, 2020	-	Identical under single numbering
33	IS/QC 301200: 1993 Reviewed In: 2021 Reaffirmed but not taken up for revision IECQC 301200: 1982	Fixed capacitors for use in electronic equipment Sectional specification for fixed metallized polypropylene film dielectric D.C. capacitors	March, 2021	-	Identical under single numbering
34	Reviewed In: 2021	Fixed capacitors for use in electronic equipment - Blank detail specification for fixed metallized polypropylene film dielectric D. C. capacitors - Assessment level e	March, 2021	-	Identical under single numbering
35	IS/QC 301301: 1993 Reviewed In: 2021 Reaffirmed but not taken up for revision IECQC 301301: 1987	Fixed capacitors for use in electronic equipment, blank detail specification for fixed metallized polypropylene film dielectric A.C. and pulse capacitors, assessment level E	March, 2021	-	Identical under single numbering
36	IS/QC 301800 :	Fixed capacitors for use in electronic equipment: Part 13 Secal specification fixed polypropylene film dielectric metal foil D.C. capacitors: Sec one - General	September, 2020	-	Identical under single numbering
37	1991	Fixed capacitors for use in electronic equipment: Part 13 blank detail specification fixed polypropylene film dielectric metal foil D.C. capacitors assessment level E	September, 2020	-	Identical under single numbering
38	IS/QC 302400 : 1994 Reviewed In : 2018 IECQC 302400: 1993	Fixed capacitors for use in electronic equipment: Sectional specification for fixed capacitors for electromagnetic interference suppression and connection to the supply mains	March, 2018	-	Identical under single numbering

39	IS/QC 400100 : 1988 Reviewed In : 2021 IECQC 400100: 1982	Fixed resistors for use in electronic equipment: Sectional specification fixed low - Power non - Wire wound resistors	March, 2021	-	Identical under single numbering
40	IS/QC 400101 : 1988 Reviewed In : 2021 IECQC 400101:	Fixed restors for use in electronic equipment blank detail specification fixed low - Power non - Wirewound resistors	March, 2021	-	Identical under single numbering
41		assessment level E Fixed resistors for use in electronic equipment: Sectional specification: fixed power resistors	March, 2021	-	Identical under single numbering
42	IS/QC 400400:	Fixed resistors for use in electronic equipment - Sectional specification for fixed resistor networks with individually measurable resistors	,	-	Identical under single numbering
43		Fixed resistors for use in electronic equipment - Blank detail specification - Fixed resistor networks with individually measurable resistors, all of equal value and equal dissipation assessment level E	March, 2021	-	Identical under single numbering
44	IS/QC 400500: 1993 Reviewed In: 2021 Reaffirmed but not taken up for revision IECQC 400500: 1984	Fixed resistors for use in electronic equipment - Sectional specification for fixed resistor networks in which not all resistors are individually measurable	March, 2021	-	Identical under single numbering
45		Fixed resistors for use in electronic equipment - Blank detail specification for fixed resistors networks in which not all resistors are individually measurable - Assessment level E	March, 2021	-	Identical under single numbering
46	IS/QC 400600: 1994 Reviewed In: 2021 Reaffirmed but not taken up for revision IECQC 400600: 1989	Fixed resistors for use in electronic equipment: Sectional specification for fixed chip resistors	March, 2021	-	Identical under single numbering
47		Fixed resistors for use in electronic equipment blank detail specification for fixed chip resistors assessment level E	March, 2021	-	Identical under single numbering
48	IS/QC 410100 : 1992	Potentiometers for use in electronic equipment Sectional	March, 2021	-	Identical under single numbering

	Reviewed In: 2021 Reaffirmed but not taken up for revision IECQC 410100: 1989	specification lead - Screw actuated and rotary preset potentiometers			
49	IS/QC 410101: 1992 Reviewed In: 2021 Reaffirmed but not taken up for revision IECQC 410101	Potentiometers for Use in Electronic Equipment Blank Detail Specification: Lead-Screw Actuated and Rotary Preset Potentiometers Assessment Level E	March, 2021	-	Identical under single numbering
50	IS/QC 420000 : 1994 Reviewed In : 2023 IECQC 420000	Varistors for use in electronic equipment - Generic specification	November, 2023	-	Identical under single numbering
51	IS/QC 420100: 1994 Reviewed In: 2021 Reaffirmed but not taken up for revision IECQC 420100	Varistors for use in electronic equipmentSectional specification for surge suppression varistors	March, 2021	-	Identical under single numbering
52	IS/QC 420102: 1993 Reviewed In: 2021 Reaffirmed but not taken up for revision IECQC 420102	Varistors for use in electronic equipment - Blank detail specification for zinc oxide surge suppression varistors - AsiEssment level E	March, 2021	-	Identical under single numbering
53	IS/QC 440000 : 1994 Reviewed In : 2018 IECQC 440000	Directly heated positive step function temperature coefficient thermistors - Generic specification	March, 2018	-	Identical under single numbering
54	IS/QC 440001: 1993 Reviewed In: 2021 Reaffirmed but not taken up for revision IECQC 440001	Directly heated positive step function temperature coefficient thermistors - Blank detail specification - Assessment level E	March, 2021	-	Identical under single numbering
55	IS 5001 : 2018 IEC 60191-1 : 2007 Reviewed In : 2021 IEC 60191-1:2007	Mechanical standardization of semiconductor devices - General rules for the preparation of outline drawings of discrete devices (First Revision)	March, 2021	-	Identical under dual numbering
56	IS 5001 (Part 1): 1969 Reviewed In: 2021 IEC 60191 - 1: 1966	Guide for Preparation of Drawings of Semiconductor Devices	March, 2021	1	Modified/Technically Equivalent
57	IS/IEC 60068-2-20) : 2021 IEC 60068-2-20: 2021 IEC 60068-2-20: 2021	Environmental testing Part 2 Tests Section 20 Tests Ta and Tb: Test methods for solderability and resistance to soldering heat of devices with leads		-	Identical under single numbering
58	IS/IEC 60068-2-58) : 2015 IEC 60068-2-58: 2015	Environmental testing Part 2 Tests Section 58 Test Td: Test methods for solderability resistance to dissolution of metallization and to soldering heat of surface mounting devicesSMD		-	
59	IS/IEC 60068-2-69)	Environmental testing Part 2 Tests		-	Identical under single

	1	1	•	1	,
		Section 69 Test TeTc: Solderability			numbering
	IEC 60068-2-69:	testing of electronic components			
	201	and printed boards by the wetting			
	IEC 60068-2-69:	balance force measurement method			
	201				
60	IS/IEC 60068-2-82)	Environmental testing Part 2 Tests		-	
	: 2019	Section 82 Test Xw1: Whisker test			
	IEC 60068-2-82:	methods for components and parts			
	2019	used in electronic assemblies			
61		Environmental testing Part 2 Tests		-	Identical under single
	: 2011	Section 83 Test Tf: Solderability			numbering
	IEC 60068-2-83:	testing of electronic components			
		for surface mounting devices SMD			
	IEC 60068-2-83:	by the wetting balance method			
	2011	using solder paste			
62	IS/IEC 60115-1:	Fixed resistors for use in electronic		-	Identical under single
	2020	equipment Part 1 Generic			numbering
	IEC 60115-1: 2020	specification			
	IEC 60115-1: 2020				
63		Printed Board Design Manufacture	March, 2021	-	Identical under dual
	IEC 60194 : 2015	and Assembly-Terms and			numbering
	Reviewed In: 2021	Definitions			
	IEC 60194 : 2015				
64		Method of measurement of current		-	Identical under single
	IEC 60195:2016	noise generated in fixed resistors			numbering
	IEC 60195:2016	Superseding IS 5027: 1969			
65	IS/IEC 60384-4:	Fixed capacitors for use in		-	Identical under single
	2016	electronic equipment Part 4			numbering
	IEC 60384-4: 2016	Sectional specification Fixed			
	IEC 60384-4: 2016	aluminium electrolytic capacitors			
		with solid MnO2 and non-solid			
		electrolyte Superseding IS 4317:			
	YO WEG 6020 4.0	1983 and ISQC 300300 : 1992			
66	IS/IEC 60384-9:	Fixed capacitors for use in		-	Identical under single
	2015	electronic equipment Part 9:			numbering
	IEC 60384-9: 2015	Sectional specification: Fixed			
	IEC 60384-9: 2015	1			
		Class 2 Superseding IS 2786 Part			
- 7	IC/IEC (0204 15	1: 1978 and ISQC 300700: 1994			T1 (1 1 1 1 1
67	IS/IEC 60384-15 : 2017	Fixed capacitors for use in		-	Identical under single
		electronic equipment Part 15			numbering
	IEC 60384-15: 2017	Sectional specification: Fixed tantalum capacitors with non-solid			
	IEC 00384-13: 201/	or solid electrolyte			
68	IS/IEC	Fixed capacitors for use in		_	Identical under single
		electronic equipment Part 14 Blank		-	numbering
	IEC 60384-14-1:	detail specification Fixed			namoering
	2016	capacitors for electromagnetic			
	IEC 60384-14-1:	interference suppression and			
	2016	connection to the supply mains			
	2010	Section 1 Assessment level DZ			
		Superseding ISQC 302401 : 1994			
69	IS/IEC 60440 : 2012	Method of measurement of non-		-	Identical under single
	IEC 60440 : 2012	linearity in resistors			numbering
	IEC 60440 : 2012	initiality in redictors			g
70	IS/IEC 61189-1:	Test methods for electrical		-	Identical under single
		materials interconnection structures			numbering
		and assemblies Part 1 General test			
1				l	l l

ı	IEC (1190 1, 2001	l make do and make doloan.		I	I
71	IEC 61189-1: 2001 IS/IEC 61189-2:	methods and methodology  Test methods for electrical			Identical under single
'1	2006	materials printed boards and other		-	numbering
	IEC 61189-2:2006	interconnection structures and			numbering
		assemblies Part 2:Test methods for			
	IEC 01169-2.2000	materials for interconnection			
		structures			
72	IS/IEC 61189-3 :	Test methods for electrical		_	Identical under single
1 12	2007	materials printed boards and other		_	numbering
	IEC 61189-3: 2007	interconnection structures and			numbering
		assemblies Part 3 Test methods for			
	1LC 01109-3, 2007	interconnection structures printed			
		boards			
73	IS/IEC 61189-5 :	Test methods for electrical		_	Identical under single
"		materials interconnection structures			numbering
		and assemblies Part 5 Test methods			namoung
	IEC 61189-5:2006	for printed board assemblies			
74	IS/IEC 62137-4 :	Electronics assembly technology		_	Identical under single
' '	2014	Part 4 Endurance test methods for			numbering
1	62137-4: 2014	solder joint of area array type			
	62137-4: 2014	package surface mount devices			
75	IS/IEC 62326-1:	Printed Boards Part 1 Generic	March, 2024	-	Identical under dual
	2002	specification	,		numbering
	IEC 62326-1:2002	1			
	Reviewed In: 2024				
	IEC 62326-1 : 2002				
76	IS/IEC 62326-20 :	Printed Boards Part 20 Printed	March, 2024	-	Identical under dual
	2016	Circuit Boards for High-Brightness	,		numbering
	IEC 62326-20 : 2016				
	Reviewed In: 2024				
	IEC 62326-20:				
	2016				
77	IS/IEC 62421: 2007	Electronics Assembly Technology-	March, 2024	-	Identical under dual
	IEC 62421 : 2007	Electronic Modules			numbering
	Reviewed In: 2024				
	IEC 62421 : 2007				
78	IS/IEC/TR 63091 :	Study for the derating curve of		-	Identical under single
	2017	surface mount fixed resistors			numbering
		Derating curves based on terminal			
	IEC TR 63091:	part temperature			
	2017				
79	IS 7305 : 2018	Fixed capacitors for use in	March, 2021	-	Identical under dual
	IEC 60384-1 : 2016	electronic equipment - Generic			numbering
	Reviewed In: 2021	specification (Second Revision)			
00	IEC 60384-1:2016		M 1 2024		T1 / 1 1 1 1
80	IS/QC 760000 :	Semiconductor devices - Integrated	March, 2021	-	Identical under single
	1994	circuits - Generic specification for			numbering
1		film integrated circuits and hybrid			
	Reaffirmed but not	film integrated circuits			
	taken up for revision				
81	IECQC 760000	Samicanduator daviage Integrated	March 2021		Identical under single
81	IS/QC 760100 :	Semiconductor devices - Integrated	March, 2021	-	Identical under single
1	1995 Reviewed In : 2021	circuits - Sectional specification for film integrated circuits and			numbering
	Reviewed in : 2021 Reaffirmed but not	hybrid film integrated circuits and			
1		the basis of qualification approval			
	IECQC 760100	procedure			
82		Semiconductor devices - Integrated	March, 2021	_	Identical under single
02	1995	circuits - Blank detail specification	1 <b>v1a1C11</b> , 2021	<u> </u>	numbering
1	1775	Diank detail specification			I maintocring

_	_	_			_
	Reviewed In: 2021	for film integrated circuits and			
	Reaffirmed but not	hybrid film integrated circuits on			
	taken up for revision	the basis of qualification approval			
	IECQC 760101	procedure			
83	IS/QC 760200 :	Semiconductor devices - Integrated	March, 2021	-	Identical under single
	1995	circuits - SectlOnal specification			numbering
	Reviewed In: 2021	for film integrated circuits and			
	Reaffirmed but not	hybrid film integrated circuits on			
		the basis of the capablity approval			
	IECQC 760200	procedures			
84		Semiconductor devices - Integrated	March, 2021	-	Identical under single
	1995	circuits - Blank detail specification			numbering
	Reviewed In: 2021	for film integrated circuits and			
	Reaffirmed but not	hybrid film integrated circuits on			
		the basis of the capability approval			
	IECQC 760201	procedures			
85		Semiconductor devices - Integrated	March, 2021	_	Identical under single
05	~	circuits - Digital integrated circuits	Waron, 2021		numbering
	Reviewed In: 2021	- Blank detail specification for			numbering
		HCMOS digital integrated circuits			
	taken up for revision				
	IECQC 790130	54/74 HCU)			
86		Semiconductor devices - Integrated	March, 2021	+	Identical under single
80	1995	· ·	March, 2021	-	_
	Reviewed In: 2021	circuits - Digital integrated circuits			numbering
		- Blank detail specification for			
	Reaffirmed but not	complementary MOS digital			
	taken up for revision				
07	IECQC 790131	Band 4000 Ub)	N. 1. 2021		T1 ( 1 1 1 1
87	_	Semiconductor devices - Integrated	March, 2021	-	Identical under single
		circuits - Digital integrated circuits			numbering
	Reviewed In: 2021	- Blank detail specification for			
	Reaffirmed but not	bipolar monolithic digital			
	-	integrated circuit gates (Excluding			
	IECQC 790132	Uncommitted Logic Arrays)	37 1 2021	+	
88	-	Semiconductor devices - Integrated	March, 2021	-	Identical under single
	1993	circuits - Analogue integrated			numbering
	Reviewed In: 2021	circuits blank detail specification			
	Reaffirmed but not	for monolithic integrated			
	taken up for revision	operational amplifiers			
	IECQC 790202				
89	IS 8186 : 2020	Marking Codes for Resistors and	-	-	Identical under dual
	IEC 60062 : 2016	Capacitors ( First Revision )		1	numbering
	IEC 60062 : 2016				
90	IS 824 : 2021	Preferred number series for		-	Identical under dual
	IEC 60063: 2015	Resistors and Capacitors		1	numbering
<u> </u>	IEC 60063: 2015			<del> </del>	
91	IS 8872 (Part 1):	Potentiometers for use in	November, 2021	-	Identical under dual
	2018	electronic equipment: Part 1		1	numbering
	IEC 60393-1 : 2008	generic specification (First		1	
	Reviewed In: 2021	Revision)			
	IEC 60393-1:2008			ļ	
92	IS 9000 (Part 19/Sec	•	October, 2022	-	Indigenous
	15): 1986	procedures for electronic and			
	Reviewed In: 2022	electrical items: Part 19 test u:			
		robustness of terminations and			
		integral mounting devices (First		1	
<u></u>		Revision)		<u> </u>	
93	IS 9256 (Part 1):	Fixed capacitors for use in	May, 2022	-	Identical under dual
	2019	electronic equipment: Part 1		1	numbering
ı	ı	ı		1	ı

	IEC 60384-2 : 2011 Reviewed In : 2022 IEC 60384-2 :2011	metallized polyethylene			
94	IS 9638 (Part 1):	Specification for fixed polyester	December, 2021	-	Indigenous
	1980	film dielectric capacitors for direct			
	Reviewed In: 2021	current: Part 1 general			
1		requirements and methods of tests			

## **Standards under Development**

	Projects Approved			
SI. No.	SI. No. Doc No. Title			
	No Records Found			

	Preliminary Draft Standards		
SI. No.	SI. No. Doc No. Title		
No Records Found			

	Drafts Standards in WC Stage		
SI. No.	Doc No.	Title	
1	LITD 5 (25416)	Varistors for use in Electronic Equipment Part 1 Generic Specification	
2	LITD 5 (25417)	Fixed Capacitors for use in Electronic Equipment Part 11 Sectional Specification Fixed	
		Polyethylene-Terephthalate Film Dielectric Metal Foil DC Capacitors	
3	LITD 5 (25418)	Fixed Capacitors for use in Electronic Equipment Part 8 Sectional Specification Fixed Capacitors	
		of Ceramic Dielectric Class 1	
4	LITD 5 (25420)	Fixed Capacitors for use in Electronic Equipment Part 3 Sectional Specification Surface Mount	
		Fixed Tantalum Electrolytic Capacitors with Solid MnO2 Electrolyte	

Draft Standards Completed WC Stage			
SI. No.	Doc No.	Title	
1	LITD 5 (16612)	Printed Circuit Board Assembly Part 1 Safety Requirements	
2	LITD 5 (23273)	Semiconductor Devices Discrete Devices Part 7 Bipolar Transistors First Revision Amendment -	
		1	

Finalized Draft Indian Standard		
SI. No.	Doc No.	Title
1	LITD 5 (16543)	Printed Circuit Boards Part 1 Safety Requirements
2	LITD 5 (23249)	Environmental Testing Part 2 Tests Section 21 Test U Robustness of Terminations and Integral Mounting Devices Superseding IS 9000 Part 19Section 1 to 5 1986
3	LITD 5 (23250)	Fixed resistors for use in electronic equipment Part 2 Sectional specification Low-power film resistors with leads for through-hole assembly on circuit boards THT
4	LITD 5 (23252)	Fixed resistors for use in electronic equipment Part 2 Blank detail specification Section 10 Low-power film resistors with leads for through-hole assembly on circuit boards THT for general electronic equipment classification level G
5	LITD 5 (23253)	Fixed resistors for use in electronic equipment Part 4 Sectional specification Power resistors for through hole assembly on circuit boards THT or for assembly on chassis Superseding ISQC 400200 1992
6	LITD 5 (23254)	Fixed Capacitors for use in Electronic Equipment Part 1 Generic Specification
7	LITD 5 (23255)	Fixed Capacitors for use in Electronic Equipment Part 1 Generic Specification Section 1 Blank Detail Specification
8	LITD 5 (23256)	Fixed Capacitors for use in Electronic Equipment Part 2 Sectional Specification - Fixed

1		Metallized Polyethylene Terephthalate Film Dielectric DC Capacitors
9	LITD 5 (23257)	Fixed Capacitors for use in Electronic Equipment Part 14 Sectional Specification - Fixed
		Capacitors for Electromagnetic Interference Suppression and Connection to the Supply Mains
		Superseding ISQC 302400 1994
10	LITD 5 (23258)	Thermistors Directly heated positive temperature coefficient Part 1 Generic specification
11	LITD 5 (23274)	Semiconductor Devices Discrete Devices Part 8 Field-Effect Transistors Second Revision
		Amendment - 1

	Finalized Draft Indian Standards under Print		
SI. No.	Doc No.	Title	
No Records Found			

#### Total Published Standards:93 Total Standards Under development:17

## **Aspect Wise Report**

Product: 63
Code of Practices: 9
Methods of Test: 16
Terminology: 3
Dimensions: 1
System Standard: 0
Safety Standard: 0
Others: 0
Service Specification: 0
Process Specification: 0
Unclassified: 2

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

SI. No.	IS No. & Year	Title
1	IS 10249 (Part 2/Sec 1):	Specification for voltage dependent resistors Varistors Part 2 low voltage Sec 1 type VDF 1
	1983	
	Reviewed In: 2021	
2	IS 10249 (Part 2/Sec 2):	Specification - for voltage dependent resistors Varistors Part 2 low voltage Sec 2 type VDS 1
	1983	
	Reviewed In: 2021	
3	IS 1031 : 1967	Methods of measurements on loudspeakers and loudspeaker systems
4	IS 1032 : 1957	General requirements end tests for pressure unit operated horn loudspeaker systems
5	IS 10320 : 1982	Consult as suitant and tests for suid look cours made of magnetic suides on insuranced
3		General requirements and tests for axial lead cores made of magnetic oxides or iron powder
	IEC 60701	
	Reviewed In: 2008	
6	IS 1033 : 1957	General requirement and tests for direct radiator moving coil loudspeaker
7	IS 1034 : 1957	Loudspeakers systems for community radio receivers
,	15 1054 . 1757	Loudspeakers systems for community radio receivers
8	IS 10424 : 1982	Guide for design and use of printed boards
	Reviewed In: 2020 IEC	·
	60326-3:	
9	IS 10477 : 1982	Environmental testing procedures for microcircuits
	Reviewed In: 2023	
10	IS 10825 (Part 1): 1975	Specification for ceramic dielectric capacitors type 1 Part 1 general requirements and methods of
	Reviewed In: 2021	tests
11	IS 10825 (Part 2): 1984	Specification for ceramic dielectric capacitors type 1 Part 2 type FCCT - 1
	Reviewed In: 2021	
_		Specification for ceramic capacitors type 1 Part 3 FCCT 2

_		
12	IS 10825 (Part 3): 1984	
	Reviewed In: 2021	
13	IS 10991 (Part 1): 1984	Specification for fixed metallized polypropylene film dielectric capacitors Part 1 general
	Reviewed In: 2021	requirements and methods of tests
14	IS 11214 : 1984	Guide for repair of printed wiring boards and assemblies
	Reviewed In: 2020	
15	IS 11392 (Part 1/Sec 1):	Dimensions of mounting accessories of pot cores for printed circuit board mountings Part 1 - For
	1985	pot cores of size 18 x 11 Mm Sec 1 type 1
	Reviewed In: 2023	
16	IS 11515 (Part 1): 1985	Specification for fixed metallized polycarbonate film dielectric capacitors Part 1 general
	Reviewed In: 2018	requirements and methods of tests
17	IS 11515 (Part 2): 1986	Specification for fixed metallised polycarbonate film dielectric capacitors Part 2 type FCCM 1
	Reviewed In: 2018	
18	IS 11515 (Part 3): 1986	Specification for fixed metallised polycarbonate film dielectric capacitors Part 3 type FCCM 2
	Reviewed In: 2018	
19	IS 12032 (Part 5): 1993	Graphical symbols for diagrams in the field of electrotechnology Part 5 semiconductors and
	IEC 617-5: 1983	electron tubes
	Reviewed In: 2018 IEC	
20	617-5: 1983	
20	IS 12032 (Part 12): 1994	Graphical symbols for diagrams in the field of electrotechnology Part 12 binary logic elements
	IEC 617-12: 1983	
	Reviewed In: 2018 IEC	
21	617-12: 1983	Constitution to the Constitution of the Contract of the Constitution of the Constituti
21	IS 12032 (Part 13): 1992	Graphical symbols for diagrams in the field of electrotechnology Part 13 analogue elements
	IEC 617-13: 1978 Reviewed In : 2018 IEC	
22	617-13: 1978 IS 12071 : 1987	Guide for assembly of printed boards
22	Reviewed In : 2017	Guide for assembly of printed boards
23	IS 12284 : 1988	Specification for prepreg for ruse in multilayer printed boards
23	Reviewed In : 2020 IEC	specification for prepreg for fase in marriager printed sources
	60249-3-1: 1981	
24	IS 12641 : 2004	Semiconductor devices - Mechanical and climatic test methods First Revision
	IEC 60749: 2002	
	Reviewed In: 2018 IEC	
	60749: 2002	
25	IS 12970 (Part 2/Sec 2):	Semiconductor devices integrated circuits Part 2 digital integrated circuits - Essential ratings and
	1992	characteristics Sec 2 integrated circuit memories
	Reviewed In: 2018	
26	IS 12970 (Part 2/Sec 3):	Semiconductordevices - Integrated circuits Part 2 digital integrated circuits - Essential rating and
	1993	characteristics Sec 3 integrated circuit microprocessors
	Reviewed In: 2018	
27	IS 12970 (Part 3/Sec 1):	Semiconductor devices - Integrated circuits Part 3 digital integrated circuits - Measuring methods
	1992	Sec 1 general
20	Reviewed In : 2018	Combonductor devices integrated circuits Port 2 digital integrated circuits. Massyring methods
28	IS 12970 (Part 3/Sec 2): 1992	Semkonductor devices integrated circuits Part 3 digital integrated circuits - Measuring methods  Sec 2 static characteristics
	Reviewed In: 2018	Sec 2 static characteristics
29	IS 12970 (Part 3/Sec 3):	Semiconductor devices - Integrated circuits Part 3 digital integrated circuits - Measuring methods
27	1993	Sec 3 dynamic measurements
	Reviewed In: 2018	sec 5 dynamic measurements
30	IS 12970 (Part 5/Sec 2):	Semiconductor devices integrated circuits Part 5 analogue integrated circuits - Essential ratings
	1992	and characteristics Sec 2 operational amplifiers
	Reviewed In: 2018	
31	IS 12970 (Part 5/Sec 3):	Semiconductor devices - Integrated circuits Part 5 analogue integrated circuits - Essential ratings
	1992	and characteristics Sec 3 audio amplifiers video amplifiers and multichannel amplifiers for
	Reviewed In: 2018	telecommunications
32	IS 12970 (Part 5/Sec 4):	Semiconductor devices - Integrate d circuits Part 5 analogue integrated circuits - essential ratings
	1992	and characteristics Sec 4 R F and I F amplifiers
I	I	I I

	Reviewed In: 2018	
33	IS 12970 (Part 5/Sec 5): 1993	Semiconductor devices - Integrated circuits Part 5 analogue integrated circuits - Essential ratings and characteristics Sec 5 voltage and current regulators
34	Reviewed In : 2018  IS 12970 (Part 5/Sec 6) : 1993	Semiconductordevices - Integrated circuits Part 5 analogue lNtegrated circuits - Essential ratings and characteristics Sec 6 analogue signal switching circuits
	Reviewed In: 2018	
35	IS 12970 (Part 6/Sec 1): 1992 Reviewed In: 2018	Semiconductor devices - Integrated circuits Part 6 analogue integrated circuits measuring methods  Sec 1 general
36	IS 12970 (Part 6/Sec 2): 1992	Semiconductor devices - Integrated circuits Part 6 analogue integrated circuits measuring methods  Sec 2 linear amplifiers
37	Reviewed In: 2018  IS 12970 (Part 6/Sec 3): 1992  Reviewed In: 2018	SemicOnductor devices integrated circuits Part 6 analogue integrated circuits measuring methods  Sec 3 voltage regulators
38	IS 12970 (Part 6/Sec 4): 1992 Reviewed In: 2018	Semiconductor devices - Integrated circuits Part 6 analogue integrated circuits - Measuring methods Sec 4 analogue signal switching circuits
39	IS 1301 : 1958	Code of safety requirements for electronic mains-operated audio amplifiers incorporated in IS 616
40	IS 1302 : 1958	Methods of measurements on audio amplifiers incorporated in IS 9302 Part 2
41	IS 13342 : 2001 ISO 1185	Magnetic Oxide Cores ETD - Cores Intended for use in Power Supply Applications - Dimensions
42	Reviewed In : 2008  IS 13504 : 1992  Reviewed In : 2020 IEC  60440: 1973	Method of measurement of non - Linearity in resistors
43	IS 13669 : 1993 IEC 249-3-3	Permanent polymer coating materials solder-resist for use in the manufacture of printed circuits
44	Reviewed In : 2008 IS 1490 : 1959	Recommendations for minimum performance requirements of mains-operated public address amplifiers incorporated in IS 10426
45	IS 14901 (Part 4) : 2016 IEC 60747-4	Semiconductor Devices Discrete Devices Part 4 Microwave Diodes and Transistors
46	IS 14901 (Part 5/Sec 1): 2010 IEC 60747-5: 2002 Reviewed In: 2014 IEC	Semiconductor Devices - Discrete Devices and Integrated Circuits Part 5 Optoelectronic Devices Secton 1 General
47	60747-5: 2002 IS 14924 : 2001 IEC 758	Synthetic Quartz Crystal s and Guide to the Use
48	Reviewed In : 2008  IS 15212 : 2002  IEC/PAS 62212  Reviewed In : 2008	Specification and Characterization Methods for Nonwoven E Glass Mat
49	IS 15213 : 2002 IEC/PAS 62213 Reviewed In : 2008	Specification and Characterization Methods for Nonwoven Para-Aramid Reinforcement
50	IS 15214 : 2002 IEC/PAS 62119 Reviewed In : 2008	Generic Requirements for Implementation of Product Manufacturing Description Data and Transfer Methodology
51	IS 15215 : 2002 IEC/PAS 62123 Reviewed In : 2008	Performance Guide Manual for Single- and Double-Sided Flexible Printed Wiring Boards
52	IS 15252 : 2002 IEC/PAS 62214	Generic Performance Printed Boards

	Reviewed In: 2008	
53	IS 15479 : 2004	Qualification and performance specification for high density interconnect HDI layers or boards
	IEC/PAS 62293	
	Reviewed In:	
	2019 IEC/PAS 62293	
54	IS 1819 : 1961	Recommendations for general requirements of public address amplifiers
		S. T.
55	IS 1885 (Part 6): 1978	Electrotechnical vocabulary Part 6 printed circuits First Revision
	Reviewed In: 2014 IEC	, 1
	60194	
56	IS 1885 (Part 7): 2001	Electrotechnical vocabulary Part 7 semiconductor devices and integrated circuits Second Revision
	Reviewed In: 2017 IEC	•
	60050-521	
57	IS 1885 (Part 45): 1977	Electrotechnical vocabulary Part 45 capacitors
	Reviewed In: 2023 IEC	
	60050-516	
58	IS 1885 (Part 46): 1977	Electrotechnical vocabulary Part 46 resistors
	Reviewed In: 2023 IEC	
	60050-516	
59	IS 2001 : 1968	Specification for fixed silvered mica capacitors First Revision
	Reviewed In: 2018	
60	IS 2032 (Part 8): 1965	Graphical symbols used in electrotechnology Part 8 semiconductor devices
	Reviewed In: 2023	
61	IS 2032 (Part 17): 1975	Graphical symbols used in electrotechnology Part 17 Ferrite cores and magnetic storage matrices
	Reviewed In: 2011	
62	IS 2032 (Part 24): 1980	Graphical symbols used in electrotechnology Part 24 Binary logic elements
	IEC 117-13	
	Reviewed In: 2011	
63	IS 2748 : 1964	Methods of measurements on microphones
64	IS 2786 (Part 1): 1978	Specification for ceramic dielectric capacitors type 2 Part 1 general requirements and methods of
04	Reviewed In : 2021	test First Revision
65	IS 2786 (Part 2): 1984	Specification for ceramic dielectric capacitors type 2 Part 2 FCCG 01 and FCCG 02 capacitors
0.5	Reviewed In: 2023	Specification for column discours capacitors type 2 fair 2 feed of and feed of capacitors
66	IS/QC 300200 : 2000	Fixed capacitors for use in electronic equipment Part 15 sectional specification fixedtantalum
	Reviewed In: 2021 IECQC	
	300200: 1982	
67	IS/QC 300300 : 1992	Fixed capacitors for use in electronic equipment Sectional specification aluminium electrolytic
	Reviewed In: 2021 IECQC	capacitors with solid and non - Solid elecrolyte
	300300: 1985	
68	IS/QC 300400 : 1988	Fixed capacitors for use in electronic equipment Sectional specification fixed metallized
	Reviewed In: 2018 IECQC	polyethylene Terephthalate film dielectric DC capacitors
	300400: 1982	
69	IS/QC 300700 : 1994	Fixed capacitors for use in electronic equipment Sectional specification for fixed capacitors of
	Reviewed In: 2018 IECQC	ceramic dielectric class 2
	300700: 1988	
70	IS/QC 302401 : 1994	Fixed capacitors for use in electronic equipment blank detail specification for fixed capacitors for
	Reviewed In: 2018 IECQC	electromagnetic interference suppression and connection to the supply mains assessment level D
_	302401: 1993	
71	IS 3641 : 1976	Methods of measurements on hearing aids
72	IS 3671 (Part 1): 1980	Specification for air dielectric variable tuning capacitors Part 1 tests and general requirements
	Reviewed In: 2018	First Revision
73	IS 3700 (Part 7): 1970	Essential ratings and characteristics of semiconductor devices Part 7 reverse blocking triode
	Reviewed In: 2023 IEC	thyristors
	60147-1	<del>y</del>
74	IS 3715 (Part 4): 1971	Letter symbols for semiconductor devices Part 4 thyristors First Revision
	Reviewed In: 2018 IEC	
	60148: 1969	

75	IS 3723 (Part 1): 1978 Reviewed In: 2021	Specification for capacitors for radio interference suppression Part 1 general requirements and methods of tests First Revision
76	IS 3723 (Part 2) : 1983 Reviewed In : 2021	Specification for capacitors for radio interference suppression Part 2 type Fcrs 1
77	IS 3723 (Part 3): 1983 Reviewed In: 2021	Specification for capacitors for radio interference suppression Part 3 type Fcrs 2
78	IS/QC 390000 : 1994 Reviewed In : 2018 IECQC	Fixed film resistor networks for use in electronic equipment - Generic specification
	390000: 1991	
79	IS/QC 390100 : 1993 Reviewed In : 2018 IECQC 390100: 1991	Fixed film resistor networks for use in electronic equipment Secal specification for film resistornetworksofassessedquality on the basis of the capability approval procedure
80	IS/QC 390101 : 1993 Reviewed In : 2018 IECQC 390101: 1991	Fixed film resistor networks for use in electronic equipment blank detail specification for film resistor networks of assessed quality on the basis of the capABility approval procedure - Assessment level e
81	IS 3931 : 1966	Sound level meters for the measurement of noise emitted by motor vehicles incorporated in IS  9779
82	IS 3932 : 1966	Sound level meters for general purpose use incorporated in IS 9779
83	IS/QC 400000 : 1988 Reviewed In : 2018 IECQC 400000: 1982	Fixed resistors for use in electronic equipment generic specification
84	IS/QC 400300 : 1992 Reviewed In : 2021 IECQC 400300: 1982	Fixed resistors for use in electronic equipment Sectional specification fixed precision resistors
85	IS/QC 400301 : 1992 Reviewed In : 2021 IECQC 400301: 1983	Fixed resistors for use in electronic equipment blank detail specification fixed precision resistors assessment level E
86	IS/QC 400402 : 1993 Reviewed In : 2018 IECQC 400402: 1983	Fixed resistors for use inelectronic equipment - Blank detail specification - Fixed resistor networks with individually measurable resistors of either different resistance valuesor different rated dissipations assessment level E
87	IS/QC 410000 : 2000 Reviewed In : 2018 IECQC 410000: 1989	Potentiometers for use in electronic equipment Part 1 generic specification Sec 1 Scope
88	IS/QC 420101 : 1994 Reviewed In : 2018 IECQC 420101	Varistors for use in electronic equipment - Blank detail specification for silicon carbide surge suppression varistors assessment level E
89	IS 4317 : 1983 Reviewed In : 2021 IEC 60384-4	Specification for aluminium electrolytic capacitors with non - Solid electrolyte Second Revision
90	IS 4400 (Part 7): 1971 Reviewed In: 2018 IEC 60147-2: 1963	Methods of measurements on semiconductor devices Part 7 reverse blocking triode thyristors
91	IS 4406 : 1967	General Requirements For Hearing Aids
92	IS 4411 : 1967 Reviewed In : 2021	Code for designation of semiconductor devices
93	IS 4482 : 1967	Hearing Aids
94	IS 4633 : 1968 Reviewed In : 2015	Fixed Metallized-paper Dielectric Capacitor for Direct Current
95	IS 5000 (Part 1): 1969 Reviewed In: 2008	Dimensions of semiconductor devices Devices outline OD 1
96	IS 5000 (Part 4): 1969 Reviewed In: 2008	Dimensions of semiconductor devices Device outline OD 4
97	IS 5000 (Part 5): 1969	Dimensions of semiconductor devices Device outline OD 5
98	Reviewed In : 2008  IS 5000 (Part 6) : 1969  Reviewed In : 2008	Dimensions of Semiconductor Devices Device Outline OD6

99	IS 5000 (Part 7): 1969	Dimensions of Semiconductor Devices Device Outline OD7
	Reviewed In: 2008	
100	IS 5000 (Part 8): 1969	Dimensions of Semiconductor Devices - Device Outline OD8
	Reviewed In: 2008	
101	IS 5000 (Part 9): 1986	Dimensions of semiconductor devices Device outline OD 9
	Reviewed In: 2008	
102	IS 5000 (Part 10): 1971	Dimensions of Semiconductor Devices Device Outline OD10
	Reviewed In: 2008	
103	IS 5000 (Part 11): 1971	Dimensions of Semiconductor Devices Device Outline OD11
	Reviewed In: 2008	
104	IS 5000 (Part 12): 1971	Dimensions of semiconductor devices Device outline OD 12
	Reviewed In: 2008	
105	IS 5000 (Part 13): 1971	Dimensions of semiconductor devices Device outline OD 13
	Reviewed In: 2008	
106	IS 5000 (Part 14): 1971	Dimensions of Semiconductor Devices Device Outline OD14
	Reviewed In: 2008	
107	IS 5000 (Part 15): 1973	Dimensions of semiconductor devices Device outline OD 15
	Reviewed In: 2008	
108	IS 5000 (Part 16): 1973	Dimensions of Semiconductor Devices Device Outline OD16
	Reviewed In: 2008	
109	IS 5000 (Part 17): 1974	Dimensions of semiconductor devices Device outline OD 17
	Reviewed In: 2008	
110	IS 5000 (Part 18): 1974	Dimensions of Semiconductor Devices Device Outline OD18
	Reviewed In: 2008	
111	IS 5000 (Part 19): 1974	Dimensions of Semiconductor Devices Device Outline OD19
	Reviewed In: 2008	
112	IS 5000 (Part 20): 1978	Dimensions of Semiconductor Devices Device Outline OD 20
	Reviewed In: 2008	
113	IS 5000 (Part 21): 1979	Dimensions of Semiconductor Device Outline OD 21
	Reviewed In: 2008	
114	IS 5000 (Part 23): 1978	Dimensions of semiconductor devices Device outline OD 23
	Reviewed In: 2008	
115	IS 5000 (Part 25): 1978	Dimensions of semiconductor devices Device outline OD 25
	Reviewed In: 2008	
116	IS 5000 (Part 26): 1978	Dimensions of semiconductor devices Device outline OD 26
	Reviewed In: 2008	
117	IS 5000 (Part 27): 1978	Dimensions of Semiconductor Device Outline OD 27
	Reviewed In: 2008	
118	IS 5000 (Part 28): 1978	Dimensions of Semiconductor Devices Device Outline OD 28
	Reviewed In: 2008	
119	IS 5000 (Part 29): 1979	Dimensions of semiconductor devices Device outline OD 29
	Reviewed In: 2008	
120	IS 5000 (Part 31): 1981	Dimensions of Semiconductor Devices Device Outline OD31
	Reviewed In: 2008	
121	IS 5000 (Part 32) : 1981	Dimensions of semiconductor devices Device outline OD 32
	Reviewed In: 2008	
122	IS 5000 (Part 33): 1981	Dimensions of semiconductor devices Device outline OD 33
	Reviewed In: 2008	
123	IS 5000 (Part 34) : 1981	Dimensions of Semiconductor Devices Device Outline OD34
	Reviewed In: 2008	
124	IS 5000 (Part 35): 1981	Dimensions of semiconductor devices Device outline OD 35
	Reviewed In: 2008	
125	IS 5000 (Part 36): 1981	Dimensions of semiconductor devices Device outline OD 36
	Reviewed In: 2008	
126	IS 5000 (Part 37) : 1982	Dimensions of semiconductor devices Device outline OD 37
	Reviewed In: 2008	
127	IS 5000 (Part 38) : 1984	Dimensions of Semiconductor Devices Device Outline OD38
	Reviewed In: 2008	
128	IS 5000 (Part 39) : 1986	Dimensions of semiconductor devices Device outline OD 39
I	1 1	

1	Reviewed In: 2008	
129	IS 5000 (Part 40) : 1986	Dimensions of Semiconductor Devices Device Outline OD 40
	Reviewed In: 2008	
130	IS 5000 (Part 41): 1986	Dimensions of Semiconductor Devices Device Outline OD 41
	Reviewed In: 2008	
131	IS 5000 (Part 42): 1986	Dimensions of semiconductor devices Device outline OD 42
	Reviewed In: 2008	
132	IS 5000 (Part 43): 1986	Dimensions of semiconductor devices Device outline OD 43
	Reviewed In: 2008	
133	IS 5000 (Part 44): 1986	Dimensions of Semiconductor Devices Device Outline OD44
	Reviewed In: 2008	
134	IS 5000 (Part 45): 1986	Dimensions of semiconductor devices Device outline OD 45
	Reviewed In: 2008	
135	IS 5000 (Part 46): 1986	Dimensions of semiconductor devices Device outline OD 46
106	Reviewed In : 2008	Di
136	IS 5000 (Part 47) : 1986	Dimensions of semiconductor devices Device outline OD 47
137	Reviewed In : 2008 IS 5001 (Part 2) : 1973	Cuide for proposition of descripts of socioon destandants and interested singuity Port 2
137	Reviewed In : 2015	Guide for preparation of drawings of semiconductor devices and integrated circuits Part 2  Integrated circuits
138	IS 5027 : 1969	Method of measurement of current noise generated in fixed resistors
150	Reviewed In : 2021 IEC	viction of ineastrement of current noise generated in fixed resistors
	60195	
139	IS 5469 (Part 1): 1969	Code of practice for the use of semiconductor junction devices Part 1 applicable to all devices
	Reviewed In: 2020	January of Francis and and an arrange francis and an arrange and arrange francis arrange francis and arrange francis arrange francis and arrange francis and arrange francis arrange franc
140	IS 5469 (Part 2): 1973	Code of practice for the use of semiconductor junction devices Part 2 diodes
	Reviewed In: 2021	
141	IS 5469 (Part 3): 1973	Code of practice for the use of semiconductor junction devices Part 3 thyristors
	Reviewed In: 2021	
142	IS 5475 (Part 1): 1978	Polystyrene Film Dielectric Capacitors - Part I General Requirements and Methods of Tests
	Reviewed In: 2015	
143	IS 5475 (Part 2): 1979	Specification for polystyrene film dielectric capacitors Part 2 type FCPS 1
	Reviewed In: 2023	
144	IS 5475 (Part 4): 1985	Specification for fixed polystyrene film dielectric capacitors Part 4 type FCPS - 3
	Reviewed In: 2023	
145	IS 5786 (Part 1): 2018	Fixed resistors for use in electronic equipment Part 1 generic specification Second Revision
	IEC 60115-1 : 2008 Reviewed In : 2021 IEC	
	60115-1 : 2008	
146	IS 5786 (Part 3) : 1982	Specification for fixed resistors general purpose low power Part 3 resistors type FRLP 2 First
140	Reviewed In : 2018	Revision
147	IS 5786 (Part 4): 1982	Specification for fixed resistors general purpose low power Part 4 resistors type FRLP 3 First
11/	Reviewed In : 2018	Revision
148	IS 5786 (Part 5) : 1982	Specification for fixed resistors general purpose low power Part 5 resistors type FRLP 4 First
	Reviewed In: 2018	Revision
149	IS 5786 (Part 6): 1982	Specification for fixed resistors general purposes low power Part 4 resistors type FRLP 5 First
	Reviewed In: 2018	Revision
150	IS 5786 (Part 7): 1982	Specification for fixed resistors general purpose low power Part 7 resistor type frlp 6 First
	Reviewed In: 2023	Revision
151	IS 5786 (Part 10): 1982	Specification for fixed resistors general purpose low power Part 10 resistors type FRLP 9 First -
	Reviewed In: 2018	Revision
152	IS 5786 (Part 12): 1982	Specification for fiexd resistors general purpose low power Part x11 resistors type FRLP 11
4.7.2	Reviewed In: 2018	
153	IS 590: 1964	Specification for fixed paper dielectric capacitors for dc Revised
154	Reviewed In : 2021	Motel alad base materials for printed singuits for use in electronic and telegramme in the
134	IS 5921 (Part 1): 1993 IEC 249-1	Metal-clad base materials for printed circuits for use in electronic and telecommunication equipment Part 1 General requirements and test
	Reviewed In: 2008	equipment rart i General requirements and test
155	IS 5921 (Part 2): 1973	Metal-Clad Base Material for Printed Circuits for Use in Electronic and Telecommunication
	IEC 249-2	Equipment - Part 2 Paper Phenolic Copper-Clad Laminated Sheet-PF-CP-CU Economic Grade
1	1	

	Reviewed In: 2008	
156	IS 5921 (Part 3): 1978	Metal-Clad Base Materials for Printed Circuits for Use in Electronic and Telecommunication
	IEC 249-2	Equipment - Part 3 Phenolic Cellulose Paper Copper-Clad Laminated Sheet PF-CP-Cu High
	Reviewed In: 2008	Electric Grade
157	IS 5921 (Part 4): 1987	Metal-clad Base Materials for Printed Circuits for Use in Electronic and Telecommunication
	IEC 249-2	Equipment - Part 4 Phenolic Cellulose Paper Copper Clad Laminated Sheet of Defined
	Reviewed In: 2008	Flammability
158	IS 5921 (Part 5): 1987	Metal Clad Base Materials for Printed Circuits for Use in Electronic and Telecommunication
	IEC 249-2	Equipment - Part 5 Epoxide Cellulose Paper Copper Clad Laminated Sheet of Defined
	Reviewed In: 2008	Flammability vertical burning test
159	IS 5921 (Part 6): 1987	Metal Clad Base Materials for Use in Electronic and Telecommunication Equipment - Part 6
	IEC 249-2	Epoxide Woven Glass Fabric Copper Clad Laminated Sheet General Purpose Grade
	Reviewed In: 2008	
160	IS 5921 (Part 7): 1987	Metal Clad Base Materials for Printed Circuits for Use in Electronic and Telecommunication
	IEC 249-2	Equipment - Part 7 Epoxide Woven Glass Fabric Copper-Clad Laminated Sheet of Defined
	Reviewed In: 2008	Flammability
161	IS 5921 (Part 8) : 1988	Metal-clad Base Materials for Printed Circuits for Use in Electronic and Telecommunication
101	IEC 249-2	Equipment - Part 8 Flexible Copper-clad Polyster PETP Film
	Reviewed In: 2008	Equipment Tutt of Textole copper chart of 1980 (1971) Thin
162	IS 5921 (Part 9): 1988	Metal-Clad Base Materials for Printed Circuits for Use in Electronic and Telecommunication
102	IEC 249-2	Equipment - Part 9 Epoxide Cellulose Paper Core Epoxide Glass Cloth Surfaces Copper-Clad
	Reviewed In: 2008	Laminated Sheet of Defined Flammability
163	IS 5921 (Part 10): 1988	Metal clad base materials for printed circuits for use in electronic and telecommunication
103	IEC 249-2	equipment Part 10 Epoxide non-woven glass reinforced woven copper-clad laminated sheet of
	Reviewed In: 2008	defined flammability VBT
164	IS 5921 (Part 11): 1988	Metal clad base materials for printed circuits for use in electronic and telecommunication
104	IEC 249-2	equipment Part 11 Thin epoxide woven glass fabric copper clad laminated sheet general purpose
	Reviewed In: 2008	grade for use in the fabrication of multilay
165	IS 5921 (Part 12) : 1988	Specification forMetal-Clad Base Materials for Printed Circuits for Use in Electronic and
103	IEC 249-2	Telecommunication Equipment - Part 12 Thin Epoxide Woven Glass Fabric Copper-Clad
	Reviewed In: 2008	Laminated Sheet of Defined Flammability for Use in Fabrication of Multilayer
166	IS 6098: 1971	Methods of measurement of airborne noise emitted by rotating electrical machinery
100	15 0050 : 1571	victions of measurement of all bothe hoise ellitted by folding electrical machinery
167	IS 6553 : 1971	Environmental requirements for semiconductor devices and integrated circuits
	Reviewed In: 2015	
168	IS/QC 720100-12 : 2001	Semiconductor devices Part 12 Secal specification for optoelectronic devices
	Reviewed In: 2020 IECQC	
	720100-12	
169	IS 7405 (Part 1): 1994	printed wiring boards Part 1 General requirements and methods of test
	IEC 326-2	
	Reviewed In: 2008	
170	IS 7405 (Part 2): 1984	printed wiring boards Part 2 Single and double sided printed boards with plain holes
	IEC 326-4	
	Reviewed In: 2008	
171	IS 7412 : 1974	Life testing of semiconductor devices
	Reviewed In: 2015	
172	IS 7440 (Part 2): 1974	Essential ratings and characteristics of analogue integrated circuits Part 2 Telecommunication
	Reviewed In: 2015	amplifiers audio video and multichannel
173	IS 7440 (Part 3/Sec 1):	Essential ratings and characteristics of analogue integrated circuits Part 3 Operational amplifier
	1976	Sec 1 Having two input and one output
	Reviewed In: 2015	
174	IS 7440 (Part 3/Sec 2):	Essential ratings and characteristics of analogue integrated circuits Part 3 Operational amplifier
	1977	Sec 2 Having two input and two outputs
	Reviewed In: 2015	
175	IS/QC 750102 : 1989	Semiconductor devices - Discrete devices - Bipolar transistors blank detail specification for
	Reviewed In: 2017 IECQC	ambient - Rated bipolar transistors for low and high - Frequency amplification
	_	
	750102	
176	IS/QC 750104 : 1993	Semiconductor devices - Discrete devices - Bipolar transistors - Blank detail specification for
176		Semiconductor devices - Discrete devices - Bipolar transistors - Blank detail specification for bipolar transistors for switching applications

I	750104	
177	IS/QC 750105 : 1994	Semiconductor devices - Discrete devices - Signal Including Switching and regulator diodes -
	Reviewed In: 2018 IECQC	Blank detail specification for voltage - Regulator diodes and voltage - Reference diodes excluding
	750105	temperature - Compensated precision reference diodes
178	IS/QC 750107 : 1994	Semiconductor devices - Discrete device - Bipolar transistors - Blank detail specification for case -
	Reviewed In: 2018 IECQC	•
	750107	
179	IS/QC 750108 : 1992	Semiconductor devices - Discrete devices rectifier diodes blank detail specification for rectifier
	Reviewed In: 2018 IECQC	•
	750108	
180	IS/QC 750111 : 1994	Semiconductor devices - Discrete devices Part 6 thyristors Sec 2 blank detail specification for
100	Reviewed In: 2018 IECQC	bidirectional triode thyristors Triacs ambient or case - Rated up to 100 a
	750111	ordinocitoliai trodo infristoro rilidos amoione or case - rialed ap eo 100 a
181	IS 7741 (Part 1): 1975	Loudspeakers Part 1 - General requirements and tests
101	IEC 268-5	Boudspeakers Fart F Constainted and tests
	1120 200 3	
182	IS 7741 (Part 4): 1977	loudspeakers Part 4 Loudspeakers for community radio receivers
102	Reviewed In: 1993	roddspeakers rate i Boddspeakers for community radio receivers
183	IS 7748 (Part 1): 1975	Specification for variable capacitors Part 1 tests and general requirements
105	Reviewed In: 2018	Specification for instance superiors fact factors and general requirements
184	IS 8083 : 1976	Dimensions of ceramic dielectric capacitors of the plate type
101	Reviewed In: 2015	Dimensions of establic discourse supported by the place type
185	IS 8238 : 1976	Guide for use of variable capacitors in electronic equipment
	Reviewed In: 2015	Curation of the most output to the control of the c
186	IS 8426 : 2001	Measuring Methods for Properties of Gyromagnetic Materials Intended for Application at
100	IEC 60556	Microwave Frequencies
	Reviewed In: 2008	Microwave Frequencies
187	IS 8507 (Part 1): 1977	Specification for fixed tantalum capacitors with solid electrolyte Part 1 general requirements and
107	Reviewed In: 2021	methods of tests
188	IS 8507 (Part 2/Sec 1):	Specification for fixed insulated hermetically sealed tantalum capacitors with solid electrolyte Part
	1981	2 type FCST 1 Sec 1 polar
	Reviewed In: 2023	2 type 1 0 5 1 1 5 to 1 point
189	IS 8507 (Part 2/Sec 2):	Specification for fixed insulated hermetically sealed tantalum capacitors with solid electrolyte Part
	1982	2 type FCST 1 Sec 2 non - Polar
	Reviewed In: 2023	- VF
190	IS 8507 (Part 3/Sec 1):	Specification for fixed insulated hermetically sealed tantalum capacitors with solid electrolyte Part
	1981	3 type fcst 2 Sec 1 polar
	Reviewed In: 2023	2 Afterior 2 from
191	IS 8507 (Part 3/Sec 2):	Specification for fixed insulated hermetically sealed tantalum capacitors with sealed electrolyte
	1982	Part 3 type fcst 2 Sec 2 non - Polar
	Reviewed In: 2023	ΔF
192	IS 8507 (Part 4/Sec 1):	Specification for fixed insulated hermetically sealed tantalum capacitors with solid electrolyte Part
	1983	4 type FCST 3 Sec 1 polar
	Reviewed In: 2023	Write the First
193	IS 8872 (Part 2/Sec 1):	Specification for variable resistors Part 2 general purpose Sec 1 type vrgic
	1979	
	Reviewed In: 2018	
194	IS 8872 (Part 2/Sec 2):	Specification for variable resistors Part 2 general purpose Sec 2 type VRG 2C
	1979	
	Reviewed In: 2018	
195	IS 8872 (Part 2/Sec 3):	Specification for variable resistors Part 2 general purpose Sec 3 type VRG3C
	1979	
	Reviewed In: 2018	
196	IS 8872 (Part 2/Sec 4):	Specification for variable resistors Part 2 general purpose Sec 4 type vrg4p
	1979	
	Reviewed In: 2018	
197	IS 8872 (Part 2/Sec 5):	Specification for variable resistors Part 2 general purpose Sec 5 type VRG 5C
	1980	
	Reviewed In: 2018	
	1	

198	IS 8872 (Part 2/Sec 6):	Specification for variable resistors Part 2 general purpose Sec 6 type VRG 6C
	1980	
	Reviewed In: 2018	
199	IS 8872 (Part 3/Sec 1):	Specification for variable resistors Part 3 precision Sec 1 type VRP 1P
	1979	
	Reviewed In: 2018	
200	IS 8872 (Part 3/Sec 2):	Specification for variable resistors Part 3 precision Sec 2 type VRP 1P
	1979	
	Reviewed In: 2018	
201	IS 8872 (Part 4/Sec 1):	Specification for variable resistors Part 4 preset Sec 1 type VRT 1
	1980	
	Reviewed In: 2021	
202	IS 8872 (Part 4/Sec 2):	Specification for variable resistors Part 4 presents Sec 2 type VRT 2P
	1983	
	Reviewed In: 2018	
203	IS 8872 (Part 4/Sec 3):	Specification for variable resistors Part 4 presets Sec 3 type VRT 3
	1982	
	Reviewed In: 2018	
204	IS 8872 (Part 4/Sec 4):	Specification for variable resistors Part 4 preset Sec 4 type VRT 4 P
	1984	
	Reviewed In: 2018	
205	IS 8872 (Part 4/Sec 5):	Specification for variable resistors Part 4 preset Sec 5 type VRT 5 P
	1984	
	Reviewed In: 2018	
206	IS 8909 (Part 1): 1978	Fixed Resistors General Purpose Power - Part I General Requirements and Methods of Tests
	Reviewed In: 2015	
207	IS 8909 (Part 2): 1978	Specification for fixed resistors general purpose power Part 2 type FRP1
	Reviewed In: 2021	
208	IS 8909 (Part 3): 1978	Specification for fixed resistors general purpose power Part 3 type FRP 2
• • • •	Reviewed In: 2021	
209	IS 8909 (Part 4): 1978	Specification for fixed resistors general purpose power Part 4 type FRP 3
210	Reviewed In : 2021	
210	IS 8909 (Part 5): 1978	Specification for fixed resistors general purpose power Part 5 type FRP 4
211	Reviewed In : 2021 IS 8943 : 1978	Guide to the design and use of components intended for mounting on boards with printed wiring
211	Reviewed In : 2020 IEC	and printed circuits
	60321: 1970	and printed circuits
212	IS 9000 (Part 18/Sec 13):	Basic environmental testing procedures for electronic and electrical items Part 18 solder ABility
212	1981	test
	Reviewed In: 2021	test
213	IS 9001 (Part 9): 1981	Guidance for environmental testing Part 9 solder ABility and resistance to soldering heat
413	Reviewed In : 2021	Surdance for chymonium coding fact / solder/admity and resistance to soldering fieat
214	IS 9256 (Part 2): 1979	Specification for fixed metallized polyester film dielectric capacitors Part 2 type FCPM 1
	Reviewed In: 2021	Polyester Time distribution of the 2 type I of the I
215	IS 9256 (Part 3): 1979	Specification for fixed metallized polyester film dielectric capacitors Part 3 type FCPM 2
	Reviewed In: 2021	i in projection and the department syptement and the system of the syste
216	IS 9302 (Part 1): 1979	Characteristics and methods of measurements for sound system equipment Part 1 General
	IEC 268-2 & 1, 1A & 1B	1
	Reviewed In: 2001	
217	IS 9302 (Part 2): 1979	Characteristics and methods of measurements for sound system equipment Part 2 Amplifiers
	IEC 60368-3	
	Reviewed In: 2001	
218	IS 9302 (Part 3): 1981	Characteristics and methods of measurements for sound system equipment Part 3 Microphones
	Reviewed In: 2001	
219	IS 9302 (Part 4): 1993	Characteristics and methods of measurements for sound systems equipment Part 4 Loudspeaker
	Reviewed In: 2002	
220	IS 9302 (Part 6): 1986	Characteristics and methods of measurements for sound system equipment Part 6 Headphones and
	IEC 60268-7	head sets
	Reviewed In: 2001	
	1	

221	IS 9302 (Part 7): 1987	Characteristics and methods of measurements for sound system equipment Part 7 Automatic gain
	IEC 60268-8	control devices
	Reviewed In: 2005	
222	IS 9302 (Part 10): 1980	Characteristics and methods of measurements for sound system equipment Part 10 Preferred
	IEC 60268-15	matching values for the inter-connection of sound system components
	Reviewed In: 2001	matering varies for the inter-connection of sound system components
223	IS 9414 (Part 1/Sec 1):	Detail specification for digital integrated circuits Part 1 nand gate TTL Sec 1 single 8 input
223	1979	positive
	Reviewed In: 2021	positive
224		Detail specification for digital integrated circuits Part 1 nand gate TTL Sec 2 dual 4 input positive
224	IS 9414 (Part 1/Sec 2):	Detail specification for digital integrated circuits Part 1 hand gate 11L Sec 2 dual 4 input positive
	1979	
22.5	Reviewed In: 2021	
225	IS 9414 (Part 1/Sec 3):	Detail specification for digital integrated circuits Part 1 nand gate TTL Sec 3 triple 3 input positive
	1979	
	Reviewed In: 2021	
226	IS 9414 (Part 1/Sec 4):	Detail specification for digital integrated circuits Part i nand gate TTL Sec 4 quad 2 input positive
	1979	
	Reviewed In: 2021	
227	IS 9437 (Part 1): 1979	Specification for fixed precision resistors Part 1 general requirements and methods of test
	Reviewed In: 2021 IEC	
	60115-5: 1978	
228	IS 9437 (Part 2): 1980	Specification for fixed precision resistors Part 2 type FRPR 1
	Reviewed In: 2021	
229	IS 9437 (Part 3): 1980	Specification for fixed precision resistors indian standard Part 3 type FRPR 2
	Reviewed In: 2021	
230	IS 9437 (Part 4): 1980	Specification for fixed precision resistors Part 4 type FRPR 3
	Reviewed In: 2021	
231	IS 9470 : 1979	Method of test for the usABility of resistors under pulse conditions
	Reviewed In: 2018 IEC	
	60115-1 : 2008	
232	IS 9501 (Part 1): 1980	Methods of measurement of electrical characteristics of microcircuits Part 1 digital micro circuits
	Reviewed In: 2018	
233	IS 9501 (Part 2): 1980	Methods of measurement of electrical characteristics of microcircuits Part 2 analogue
	Reviewed In: 2018	microcircuits
234	IS 9512 : 1980	Guidance for pulse testing of resistors
	Reviewed In: 2021	·
235	IS 9593 (Part 1): 1980	Specification for plastic film dielectric variable tuning capacitors grade 2 Part 1 tests and general
	Reviewed In: 2018 IEC	requirements
	60418-2: 1976	
236	IS 9596 : 1981	General requirements and classification of tests for micro circuits
	Reviewed In: 2021	
237	IS 9614 (Part 1): 1980	Specification for fixed high - Meg resistors Part 1 type FRHM 1
	Reviewed In: 2021	
238	IS 9614 (Part 2): 1980	Specification for fixed high - Meg resistors Part 2 type FRHM 2
	Reviewed In: 2021	aparation and mga reasons twice type training
239	IS 9614 (Part 3): 1980	Specification for fixed high - Meg resistors Part 3 type FRHM 3
	Reviewed In : 2021	Specification for the dings. The ground of the Stype Fitting S
240	IS 9638 (Part 2): 1984	Specification for fixed polyester film dielectric capacitors for direct current Part 2 type FCPE 1
2-10	Reviewed In : 2021	Specification for fixed polyecter finit dielectric cupacitors for direct current fait 2 type fer E f
241	IS 9638 (Part 3): 1985	Specification for fixed polyester film dielectric capacitors for direct current Part 3 type FCPE 2
241	Reviewed In : 2021	Specification for fixed polyester finit dielectric capacitors for direct current Fart 3 type FCFE 2
242	IS 9638 (Part 4): 1984	Specification for fixed polyester film dielectric capacitors for direct current Part 4 type FCPE 3
272	Reviewed In : 2021	Specification for fixed polyester film dielectric capacitors for direct current fait 4 type FCF E 3
243	IS 9779 : 1981	Sound Level Meters
243	IEC 60651	Sound Level Meters
	Reviewed In: 2001	
244	IS 9807 : 1981	Life testing of digital microcircuits
244	Reviewed In : 2018 IEC	Life testing of digital inicrocifcults
	60147-4	

245	IS 9816 : 1981	General requirements and classification of tests for semiconductor devices
	Reviewed In: 2021	

# **Annexure-II :List of Indian Product Standards**

SI. No.	IS No. & Year	Title
1	IS/QC 001001 : 2000	IEC quality assessment system for electronic components IECQ - Basic rules First Revision
	Reviewed In: 2024 IECQC	
	001001	
2	IS/QC 001002-2 : 2000	IEC quality assessment system for electronic components IECQ - Rules of procedure Part 2
	Reviewed In: 2024 IECQC	Documentation First Revision
	001002-2: 1998	
3	IS 12970 (Part 1): 2010	Semiconductor devices integrated circuits Part 1 general
	Reviewed In: 2021 IEC	
	60748-1:2002	
4	IS 12970 (Part 2): 2021	Semiconductor devices - Integrated circuits Part 2 Digital integrated circuits essential ratings and
	IEC 60748-2: 1997	characteristics Sec 1 General
	Reviewed In: 2024 ISO	
	20252: 2019	
5	IS 12970 (Part 3): 2021	Semiconductor devices Integrated circuits Part 3 Analogue integrated circuits Superseding 1 IS
	IEC 60748-3: 1994	12970Part 5Sec 1 1991 2 IS 12970Part 5Sec 2 1992 3 IS 12970Part 5Sec 3 1992 4 IS 12970Part
	ISO 20488:2018	5Sec 4 1992 5 IS 12970Part 5Sec 5 1993 6 IS 12970Part 5Sec
6	IS 13247 (Part 1): 2021	Passive filter units for electromagnetic interference suppression Part 1 Generic specification Firs
	IEC 60939-1: 2010	Revision and Superseding 1 IS 3723Part 1 1978 2 IS 3723Part 2 1983 and 3 IS 3723Part 3 1983
	ISO 3823-2:2003	
7	IS 13247 (Part 2): 2021	Passive filter units for electromagnetic interference suppression Part 2 Sectional specification
	IEC 60939-2:2005	Passive filter units for which safety tests are appropriate Test methods and general requirements
	ISO 21363 : 2020	First Revision of IS 13247 Part 2
8	IS 14901 (Part 1): 2010	Semiconductor devices - Discrete devices and integrated circuits Part 1 general First Revision
	IEC 60747-1: 2006	
	Reviewed In: 2022 IEC	
	60747-1: 2006	
9	IS 14901 (Part 2): 2020	Semiconductor Devices Part 2 Discrete Devices Rectifier Diodes First Revision
	IEC 60747-2: 2016	
	IEC 60747-2 : 2016	
10	IS 14901 (Part 5): 2004	Semiconductor devices - Discrete devices and integrated circuits Part 5 optoelectronic devices
	IEC 60747-5	
	Reviewed In: 2021 IEC	
	60747-5:1992	
11	IS 14901 (Part 7): 2020	Semiconductor Devices Discrete Devices Part 7 Bipolar Transistors First Revision
	IEC 60747-7:2010	•
	IEC 60747-7 : 2010	
12	IS 14901 (Part 8): 2020	Semiconductor Devices Discrete Devices Part 8 Field-Effect Transistors Second Revision
	IEC 60747-8: 2010	
	IEC 60747-8 : 2010	
13	IS 15866 (Part 1): 2010	Fixed inductors for electromagnetic interference suppression Part 1 generic specification
	IEC 60938-1:2006	
	Reviewed In: 2021 IEC	
	60938-1:2006	
14	IS/QC 300000 : 1988	Fixed capacitors for use in electronic equipment generic specification
	Reviewed In: 2021 IECQC	
	300000:1982	
15	IS/QC 300100 : 1988	Fixed capacitors for use in electronic equipment Sectional specification fixed polyethrsylene -
	Reviewed In: 2021 IECQC	Terephthalate film dielectric metal foil DC capacitor
	300100: 1982	1
16	IS/QC 300201 : 2000	Fixed capacitors for use in electronic equipment Part 15 blank detail specification fixed tantalun
-	Reviewed In : 2021 IECQC	capacitors with solid electrolyte and porous anode assessment level E
	300201: 1984	,

I	Reviewed In: 2021	capacitors with non - Solid electrolyte assessment level E
	Reaffirmed but not taken up	
	for revision IECQC	
	300301: 1985	
18	IS/QC 300401 : 1988	Fixed capacitors for use in electronic equipment blank detail specification fixed metallized
	Reviewed In: 2021	polyethylene - Terephthalate film dielectric D C capacitors assessment level e
	Reaffirmed but not taken up for revision IECQC	
	300401: 1982	
19	IS/QC 300600 : 1993	Fixed capacitors for use in electronic equipment - Sectional specification for fixed capacitors of
	Reviewed In: 2021 IECQC	ceramic dielectric class 1
	300600: 1988	
20	IS/QC 300601 : 1993	Fixed capacitors for use in electronic equipment blank detail specification for fixed capacitors of
	Reviewed In: 2021	ceramic dielectric class 1 assessment level E
	Reaffirmed but not taken up	
	for revision IECQC	
21	300601: 1988 IS/QC 300701 : 1993	Fixed Capacitors for Use in Electronic Equipment Sectional Fixed Capacitors of Ceramic
21	Reviewed In : 2021	Dielectric Class 2
	Reaffirmed but not taken up	
	for revision IECQC	
	300701: 1988	
22	IS/QC 300800 : 1994	Fixed capacitors for use in electronic equipment Sectional specification for fixed tantalum chip
	Reviewed In: 2020 IECQC	capacitors
23	300800: 1989	Fixed conscitors for use in electronic equipment block detail encification for fixed tentalum chin
23	IS/QC 300801 : 1993 Reviewed In : 2020	Fixed capacitors for use in electronic equipment blank detail specification for fixed tantalum chip capacitors assessment level E
	Reaffirmed but not taken up	•
	for revision IECQC 300801	
24	IS/QC 301200 : 1993	Fixed capacitors for use in electronic equipment Sectional specification for fixed metallized
	Reviewed In: 2021	polypropylene film dielectric D C capacitors
	Reaffirmed but not taken up	
	for revision IECQC	
25	301200: 1982 IS/QC 301201 : 1993	Fixed capacitors for use in electronic equipment - Blank detail specification for fixed metallized
25	Reviewed In : 2021	polypropylene film dielectric D C capacitors - Assessment level e
	Reaffirmed but not taken up	± 7± ±7
	for revision IECQC	
	301201: 1982	
26	IS/QC 301301 : 1993	Fixed capacitors for use in electronic equipment blank detail specification for fixed metallized
	Reviewed In: 2021	polypropylene film dielectric A C and pulse capacitors assessment level E
	Reaffirmed but not taken up for revision IECQC	
	301301: 1987	
27	IS/QC 301800 : 2001	Fixed capacitors for use in electronic equipment Part 13 Secal specification fixed polypropylene
	Reviewed In: 2020 IECQC	film dielectric metal foil D C capacitors Sec one - General
	301800: 1991	
28	IS/QC 301801 : 2001	Fixed capacitors for use in electronic equipment Part 13 blank detail specification fixed
	Reviewed In: 2020 IECQC	polypropylene film dielectric metal foil D C capacitors assessment level E
29	301801: 1991 IS/QC 302400 : 1994	Fixed capacitors for use in electronic equipment Sectional specification for fixed capacitors for
29	Reviewed In: 2018 IECQC	electromagnetic interference suppression and connection to the supply mains
	302400: 1993	electromagnetic interference suppression and connection to the suppry mains
30	IS/QC 400100 : 1988	Fixed resistors for use in electronic equipment Sectional specification fixed low - Power non -
	Reviewed In: 2021 IECQC	Wire wound resistors
	400100: 1982	
31	IS/QC 400101 : 1988	Fixed restors for use in electronic equipment blank detail specification fixed low - Power non -
	Reviewed In : 2021 IECQC	Wirewound resistors assessment level E
	400101: 1982	

22	TG/OG 400200 1002	
32	IS/QC 400200 : 1992	Fixed resistors for use in electronic equipment Sectional specification fixed power resistors
	Reviewed In: 2021 IECQC 400200: 1982	
33	IS/QC 400400 : 1994	Fixed resistors for use in electronic equipment - Sectional specification for fixed resistor networks
	Reviewed In : 2021	with individually measurable resistors
	Reaffirmed but not taken up	· ·
	for revision IECQC	
	400400: 1983	
34	IS/QC 400401 : 1994	Fixed resistors for use in electronic equipment - Blank detail specification - Fixed resistor
	Reviewed In: 2021	networks with individually measurable resistors all of equal value and equal dissipation assessment
	Reaffirmed but not taken up	level E
	for revision IECQC	
	400401: 1983	
35	IS/QC 400500 : 1993	Fixed resistors for use in electronic equipment - Sectional specification for fixed resistor networks
	Reviewed In: 2021	in which not all resistors are individually measurable
	Reaffirmed but not taken up	
	for revision IECQC 400500: 1984	
36	IS/QC 400501 : 1994	Fixed resistors for use in electronic equipment - Blank detail specification for fixed resistors
] 50	Reviewed In : 2021	networks in which not all resistors are individually measurable - Assessment level E
	Reaffirmed but not taken up	
	for revision IECQC	
	400501: 1984	
37	IS/QC 400600 : 1994	Fixed resistors for use in electronic equipment Sectional specification for fixed chip resistors
	Reviewed In: 2021	
	Reaffirmed but not taken up	
	for revision IECQC	
	400600: 1989	
38	IS/QC 400601 : 1993	Fixed resistors for use in electronic equipment blank detail specification for fixed chip resistors
	Reviewed In: 2021	assessment level E
	Reaffirmed but not taken up for revision IECQC	
	400601: 1989	
39	IS/QC 410100 : 1992	Potentiometers for use in electronic equipment Sectional specification lead - Screw actuated and
	Reviewed In: 2021	rotary preset potentiometers
	Reaffirmed but not taken up	
	for revision IECQC	
	410100: 1989	
40	IS/QC 410101 : 1992	Potentiometers for Use in Electronic Equipment Blank Detail Specification Lead-Screw Actuated
	Reviewed In: 2021	and Rotary Preset Potentiometers Assessment Level E
	Reaffirmed but not taken up	
41	for revision IECQC 410101 IS/QC 420000 : 1994	Varistors for use in electronic equipment - Generic specification
41	Reviewed In : 2023 IECQC	
	420000	
42	IS/QC 420100 : 1994	Varistors for use in electronic equipment -Sectional specification for surge suppression varistors
	Reviewed In: 2021	
	Reaffirmed but not taken up	
	for revision IECQC 420100	
43	IS/QC 420102 : 1993	Varistors for use in electronic equipment - Blank detail specification for zinc oxide surge
	Reviewed In: 2021	suppression varistors - AsiEssment level E
	Reaffirmed but not taken up	
4.4	for revision IECQC 420102	
44	IS/QC 440000 : 1994 Reviewed In : 2018 IECQC	Directly heated positive step function temperature coefficient thermistors - Generic specification
	440000	
45	IS/QC 440001 : 1993	Directly heated positive step function temperature coefficient thermistors - Blank detail
	Reviewed In : 2021	specification - Assessment level E
	Reaffirmed but not taken up	=
1	1	

	for revision IECQC 440001	
46	IS/IEC 60384-4 : 2016 IEC 60384-4: 2016	Fixed capacitors for use in electronic equipment Part 4 Sectional specification Fixed aluminium electrolytic capacitors with solid MnO2 and non-solid electrolyte Superseding IS 4317 1983 and
	XG WEG (020.1.0. 20.1.5	ISQC 300300 1992
47	IS/IEC 60384-9 : 2015 IEC 60384-9: 2015	Fixed capacitors for use in electronic equipment Part 9 Sectional specification Fixed capacitors of ceramic dielectric Class 2 Superseding IS 2786 Part 1 1978 and ISQC 300700 1994
48	IS/IEC 60384-15 : 2017	Fixed capacitors for use in electronic equipment Part 15 Sectional specification Fixed tantalum
	IEC 60384-15: 2017	capacitors with non-solid or solid electrolyte
49	IS/IEC 60384-141-1): 2016	Fixed capacitors for use in electronic equipment Part 14 Blank detail specification Fixed
	IEC 60384-14-1: 2016	capacitors for electromagnetic interference suppression and connection to the supply mains Section
		1 Assessment level DZ Superseding ISQC 302401 1994
50	IS/IEC 62326-1 : 2002	Printed Boards Part 1 Generic specification
	IEC 62326-1 : 2002	
	Reviewed In: 2024 IEC	
	62326-1 : 2002	
51	IS/IEC 62326-20 : 2016	Printed Boards Part 20 Printed Circuit Boards for High-Brightness LEDs
	IEC 62326-20 : 2016	
	Reviewed In: 2024 IEC	
	62326-20 : 2016	
52	IS 7305 : 2018	Fixed capacitors for use in electronic equipment - Generic specification Second Revision
	IEC 60384-1 : 2016	
	Reviewed In: 2021 IEC	
	60384-1:2016	
53	IS/QC 760000 : 1994	Semiconductor devices - Integrated circuits - Generic specification for film integrated circuits and
	Reviewed In: 2021	hybrid film integrated circuits
	Reaffirmed but not taken up for revision IECQC 760000	
54	IS/QC 760100 : 1995	Semiconductor devices - Integrated circuits - Sectional specification for film integrated circuits
34	Reviewed In : 2021	and hybrid film integrated circuits on the basis of qualification approval procedure
	Reaffirmed but not taken up	
	for revision IECQC 760100	
55	IS/QC 760101 : 1995	Semiconductor devices - Integrated circuits - Blank detail specification for film integrated circuit
	Reviewed In: 2021	and hybrid film integrated circuits on the basis of qualification approval procedure
	Reaffirmed but not taken up	
	for revision IECQC 760101	
56	IS/QC 760200 : 1995	Semiconductor devices - Integrated circuits - SectlOnal specification for film integrated circuits
	Reviewed In: 2021	and hybrid film integrated circuits on the basis of the capablity approval procedures
	Reaffirmed but not taken up	
	for revision IECQC 760200	
57	IS/QC 760201 : 1995	Semiconductor devices - Integrated circuits - Blank detail specification for film integrated circuit
	Reviewed In: 2021	and hybrid film integrated circuits on the basis of the capability approval procedures
	Reaffirmed but not taken up	
	for revision IECQC 760201	
58	IS/QC 790130 : 1995	Semiconductor devices - Integrated circuits - Digital integrated circuits - Blank detail specification
	Reviewed In: 2021	for HCMOS digital integrated circuits Series 54 74 HC 54 74 HCT 54 74 HCU
	Reaffirmed but not taken up	
59	for revision IECQC 790130	Semiconductor devices - Integrated circuits - Digital integrated circuits - Blank detail specification
39	IS/QC 790131 : 1995 Reviewed In : 2021	for complementary MOS digital integrated circuits Series 4000 Band 4000 Ub
	Reaffirmed but not taken up	
	for revision IECQC 790131	
60	IS/QC 790132 : 1995	Semiconductor devices - Integrated circuits - Digital integrated circuits - Blank detail specification
50	Reviewed In : 2021	for bipolar monolithic digital integrated circuit gates Excluding Uncommitted Logic Arrays
	Reaffirmed but not taken up	
	for revision IECQC 790132	
61	IS/QC 790202 : 1993	Semiconductor devices - Integrated circuits - Analogue integrated circuits blank detail

	Reaffirmed but not taken up for revision IECQC 790202	
62	IS 9256 (Part 1): 2019 IEC 60384-2: 2011 Reviewed In: 2022 IEC 60384-2:2011	Fixed capacitors for use in electronic equipment Part 1 Sectional specification - Fixed metallized polyethylene terephthalate film dielectric d c capacitors First Revision
63	IS 9638 (Part 1) : 1980 Reviewed In : 2021	Specification for fixed polyester film dielectric capacitors for direct current Part 1 general requirements and methods of tests