BUREAU OF INDIAN STANDARDS

Program of Work

LITD 24: Magnetic Components, Ferrite Materials, Piezoelectric and Frequency Control Devices

Scope: To prepare Indian standards relating to: a) Piezoelectric and dielectric devices for frequency

control and selection. b) Parts and components displaying magnetic properties and ferrite

materials

Liaison: **IEC TC-49 (P):** Piezoelectric, dielectric and electrostatic devices and associated materials for

frequency control, selection and detection IEC TC-51 (P): Magnetic components, ferrite and

magnetic powder materials

Published Standards

S.No	IS No.	TITLE	Reaffirm M-Y	No. of Amds	Eqv.
1	IS 10230 (Part 1):	Specification for if and RF	September, 2020	-	Indigenous
	1982	transformers inductors (Coils) and:			
	Reviewed In: 2020	Part 1 general requirements and			
		tests			
2	IS 10337: 1982	32.768 Khz Quartz Crystal Units	December, 2018	-	Indigenous
	IEC 689	for Wrist Watches			
	Reviewed In: 2018				
3	IS 10370 (Part 1):	Dimensions of mounting	September, 2020	-	Indigenous
	1982	accessories of pot cores for wired			
	Reviewed In: 2020	circuits: Part 1 for pot cores of size			
		26 x 16 mm			
4	IS 10370 (Part 2):	Dimensions of mounting	September, 2020	-	Indigenous
	1982	accessories of pot cores for wired			
	Reviewed In: 2020	circuits: Part 2 for pot cores of size			
-	IC 10070 (D + 2)	18 x 11 mm	G . 1 2020		T 1'
5	IS 10370 (Part 3):	Dimensions of mounting	September, 2020	-	Indigenous
	1982	accessories of pot cores for wired			
	Reviewed In: 2020	circuits: Part 3 for pot cores of size			
-	IC 10400 (D- + 1)	18 x 14 mm Specification for frame output	0-4-1 2020		T., 1'
6	IS 10488 (Part 1): 1983	transformers used with television	October, 2020	-	Indigenous
	Reviewed In: 2020	picture tubes: Part 1 general			
	Reviewed III: 2020	requirements and tests			
7	IS 10488 (Part 2):	Specification for frame output	August, 2020		Indigenous
,	1983	transformers used with television	August, 2020	_	margenous
		picture tubes: Part 2 type fot ih for			
	Reviewed III . 2020	470, 510, 590 and 610 mm			
		television picture tubes			
8	IS 11013 : 1984	Specification for piezoelectric	December, 2018	_	Indigenous
	Reviewed In: 2018	ceramic elements (Impact Type	,		G
		And Squeeze Type) for gas lighters			
9	IS 11014 (Part 1):	Specification for piezoelectric	December, 2018	-	Indigenous
	1984	ceramic materials: Part 1 general	•		C
	Reviewed In: 2018	aspects and methods of			
		-			

1		measurements		1	
10	IS 11014 (Part 2):	Specification for piezoelectric	December, 2018	-	Indigenous
	1984	ceramic materials: Part 2 types 1			
	Reviewed In: 2018	and 5			
11	IS 11014 (Part 3):	Specification for piezoelectric	December, 2018	-	Indigenous
	1985	ceramic materials: Part 3 types 4			
12	Reviewed In: 2018	and 8	2010		Y 11
12	IS 11014 (Part 4):	Specification for piezoelectric	December, 2018	-	Indigenous
	1989	ceramic materials: Part 4 type 5 H			
13	Reviewed In : 2018 IS 11296 (Part 1) :	Method of magnetic testing of TV	February, 2020		Indigenous
13	1986	ferrite components: Part 1	reditionly, 2020	-	margenous
	Reviewed In: 2020	measurement of magnetic			
	iteviewed in : 2020	properties of beam centering			
		magnet			
14	IS 11296 (Part 2):	Method for magnetic testing of TV	February, 2020	-	Indigenous
	1985	ferrite components: Part 2 flux	•		
	Reviewed In: 2020	measurement of corner correction			
		magnet			
15		Method for magnetic testing of TV	February, 2020	-	Indigenous
	1985	ferrite components: Part 3 flux			
	Reviewed In: 2020	measurement of pin cushion			
1.0	10.11200 1004	correction magnet	D 1 2010		Y 1'
16	IS 11299 : 1984	Guide for the selection and use of	December, 2018	=	Indigenous
	Reviewed in: 2018	piezoelectric ceramic materials and			
17	IS 11334 : 1984	elements Method of measurement for	December, 2018		Indigenous
1 /	IEC 642	piezoelectric ceramic resonators	December, 2016	_	margenous
	Reviewed In: 2018	and resonator units for frequency			
	iteviewed in : 2010	control and selection			
18	IS 11392 (Part 2/Sec		February, 2020	-	Indigenous
	1): 1985	accessories of pot cores for printed	•		
	Reviewed In: 2020	circuit board mountings: Part 2 for			
		pot cores of size 26 x 16 (Mm):			
		Sec 1 type 1			
19	IS 11392 (Part 3/Sec	e	February, 2020	-	Indigenous
	1): 1985	accessories of pot cores for printed			
	IEC 740	circuit board mountings: Part 3 for			
	Reviewed In: 2020	pot cores of size 30 x 19 (Mm):			
20	IC 11455 (Dort 1/Coo	Sec 1 type 1 Outl4e dimlWyons of transformers	June, 2020		Modified/Technically
20	1): 1985	and inductors for use in	June, 2020	-	Equivalent
	Reviewed In: 2020	telecommunication and electronic			Equivalent
		equipment: Part 1 transformers and			
		inibUctors using yei - Laminations:			
		Sec 1 un4ersal mounting			
21	IS 11455 (Part 1/Sec	Outline dimensions of transformers	September, 2020	-	Modified/Technically
	2): 1986	and inductors for use in	-		Equivalent
	Reviewed In: 2020	telecommunicalIon and electronic			
	IEC 60852-1:1986	equipment: Part 1 transformers and			
		inuuctors using yei - Laminations:			
L		Sec 2 u - Clamp mounting			
22	,	Outline dimensions of transformers	May, 2020	-	Modified/Technically
	3): 1985	and inductors for use in			Equivalent
	Reviewed In : 2020	telecommunication and electronic			
	IEC 60852-1:1986	equipment: Part 1 transformers and			
		inductors using yei - Laminations: Sec 3 printed wiring board			
		mounting mounting			
\vdash		mounting			

23	1988 Reviewed In : 2020 IEC 60852 -2 (1992)	Outline dimensions of transformers and inductors for use in telecommunication and electronic equipment: Part 2 transformers and inductors using yex - 2 laminations for printed circuit board mounting Outline dimensions of transformers	February, 2020 August, 2020	1	Modified/Technically Equivalent Identical under dual	
	2001 IEC 60852-3(1992) Reviewed In : 2020 IEC 60852-3(1992)	and inductors for use in telecommunication and electronic equipment: Part 3 transformers and inductors using yui - I laminations (First Revision)	-	numbering		
25	1992 Reviewed In : 2020 IEC 60852-5 (1994)	Outline dimensions of transformers and inductors for use in telecommunication and electronic equipment: Part 4 transformers and inductors using Q - Series of c - Cores	March, 2020	1	Modified/Technically Equivalent	
26	IS 11514 : 1985 Reviewed In : 2020	Specification for plezoelectric ceramic cartridge for impact type electronic gas lighters	February, 2020	-	Indigenous	
27	IS 11519 : 1985 Reviewed In : 2018	Specification for piezoelectric ceramic cartridge for squeeze type electronic gas lighters	December, 2018	-	Indigenous	
28	IS 11658 : 1986 Reviewed In : 2020	General requirements and methods of tests of piezoelectric ceramic pressure transducers - Dynamic type	January, 2020	-	Indigenous	
29	IS 11880 : 1986 Reviewed In : 2019	Specification for piezoelectric ceramic trilaminate elements used in phonograph pick - Ups, ultrasonic transducers and similar devices	August, 2019	-	Indigenous	
30	IS 12825 : 1989 Reviewed In : 2018	Piezoelectric ceramic elements for electronic buzzers - Specification	December, 2018	-	Indigenous	
31	IS 13412 (Part 1): 1992 Reviewed In: 2021 IEC 1021-1 (1990)	Laminated core packages for transformers and inductors used in telecommunication and electronic equipment: Part 1 dimensions	December, 2021	1	Modified/Technically Equivalent	
32	IS 13412 (Part 2): 1998 Reviewed In: 2018 IEC 1021-2 (1995)	Specificationforlaminated corepackagesfortransformersand inductorsusedintelecommunication and electronic equipment: Part 2 electrical characteristics	December, 2018	-	Modified/Technically Equivalent	
33	IS 13413 (Part 1): 2023 IEC 61797-1: 1996 IEC 61797-1: 1996	Transformers and inductors for use in telecommunication and electronic equipment - Main dimensions of coil formers - Part 1: Coil formers for laminated cores		-	- Identical under dual numbering	
34	IS 13674 (Part 1): 1998 Reviewed In: 2020	Dimensionsofferritecomponents for CTV: Part 1 cores for deflection coil	February, 2020	-	Indigenous	
35	IS 13674 (Part 2): 1993 Reviewed In: 2020	Dimensions of ferrite components for CTV: Part 2 cores for line output transformers	February, 2020	1 Indigenous		
36	IS 13674 (Part 3): 1993 Reviewed In: 2020	Dimensions of ferrite components for CTV: Part 3 cores for SMPS transformer	February, 2020	-	Indigenous	
37	IS 13898 : 1993	Dimensions of coil formers of	February, 2020	-	Modified/Technically	

I	Reviewed In : 2020	transformers and inductors for use		1	Equivalent
	IEC (51) Sectt238	intelecommunication and			Equivalent
		electronic equipment			
38	IS 13901 (Part 2):	Dimensions of ferrite components	October, 2020	1	Indigenous
	1993	for CTV: Part 2 cores for line			
	ISO 3189-2	output transformers			
	Reviewed In: 2020				
39	IS 13909 : 1993	Dimensions of pm - Cores made of	February, 2020	1	Modified/Technically
	Reviewed In : 2020	magnetic oxides and associated			Equivalent
40	IEC 1247 (1995)	Parts	F-1 2020		T.1
40	IS 14870 : 2000 Reviewed In : 2020	Transformers and inductors for use in electronic and	February, 2020	-	Identical under dual numbering
	IEC 61007:1994	telecommunication equipment -			numbering
	ILC 01007.1754	Measuring methods and test			
		procedures			
41	IS 15204 : 2002	Microwave ferrite components -	August, 2019	-	Identical under dual
	IEC 61830 1997)(Measuring methods for major			numbering
	Reviewed In: 2019	properties			
	IEC 61830 1997)(
42	IS 15544 : 2004	Guide to the measurement of	April, 2022	-	Identical under dual
	IEC 61080: 1991	equivalent electrical parameters of			numbering
	Reviewed In : 2022	quartz crystal units			
43	IEC 61080: 1991 IS 1885 (Part 31):	Electrotechnical vocabulary: Part	March, 2017		Modified/Technically
43	1971	31 magnetism	March, 2017	_	Equivalent
	Reviewed In: 2017	31 magnetism			Equivalent
	IEC 109 (CO)1004				
44	IS 1885 (Part 41):	Electrotechnical vocabulary: Part	March, 2017	-	Modified/Technically
	1975	xli non - Reciprocal			Equivalent
	Reviewed In: 2017	electromagnetic components			
	IEC 51 (CO) 112				
45	IS 1885 (Part 44):	Electrotechnical vocabulary Part		-	Identical under dual
	2023	44: Piezoelectric dielectric and			numbering
	IEC 60050-561:2014 IEC	electrostatic devices and associated			
	60050-561:2014	materials for frequency control selection and detection (Second			
	00030-301.2014	Revision)			
46	IS/QC 260000 :	Transformers and inductors for use	February, 2020	_	Identical under single
	2000	in electronic and	3 /		numbering
	Reviewed In: 2020	telecommunication equipment:			
	IECQC	Part 1 generic specification			
	260000(1996)				
47	IS/QC 260100 :	Transformers and inductors for use	February, 2020	-	Identical under single
	1998	in electronic and			numbering
	Reviewed In: 2020 IECQC 260100	telecommunication equipment: Part 2 Secal specification for signal			
	(1996)	transformers on the basis of			
	(1770)	capABility approval procedure			
48	IS/QC 260200 :	Transformers and inductors for use	February, 2020	-	Identical under single
	1999	in electronic and	•		numbering
	Reviewed In: 2020	telecommunication equipment:			
	IECQC	Part 3 Secal specification for			
	260200(1996)	power transformers on the basis of			
40	10/00/2000	capABility approval procedure	E 1 2020	1	T1
49	IS/QC 260300 :	Transformers and inductors for use	February, 2020	-	Identical under single
	2000 Reviewed In : 2020	in electronic and telecommunication equipment:			numbering
	IECQC 260300	Part 4 Secal specification for			
	(1996)	power transformers for switched			
1	(1770)	r 5 51 damsformers for switched			1

	1				1
		mode power supplies (Smps) on			
		the basis of capABility approval			
		procedure			
50	IS/QC 260400 :	Transformers and inductors for use	February, 2020	=	Identical under single
	2000	in electronic and			numbering
	Reviewed In: 2020	telecommunication equipment:			
	_	Part 5 Secal specification for pulse			
	(1996)	transformers on the basis of			
		capABility approval procedure			
51	IS/QC 260500:	Transformers and inductors for use	February, 2020	-	Identical under single
	2000	in electronic and			numbering
	Reviewed In: 2020	telecommunication equipment:			
	IECQC	Part 6 Secal specification for			
	260500(1996)	inductors on the basis of			
52	IS 2935 : 2022	capABility approval procedure			Identical under dual
32	IS 2935 : 2022 IEC 60122-2:1983	Quartz crystal units for frequency control and selection Part 2: Guide		-	Identical under dual
					numbering
	IEC 00122-2:1983	to the use of quartz crystal units for frequency control and selection			
53	IS 4570 (Part 5):	Specification for crystal unit	March, 2021		Modified/Technically
	1999	holders: Part 5 metal, solder	Maich, 2021	_	Equivalent
	Reviewed In: 2021	sealed,two pin crystal unit			Equivalent
	IEC 60122-3: 1977	holderstypes BF, BF/l and BG,			
	ILC 00122 3. 1777	BG/1 (First Revision)			
54	IS 4570 (Part 9):	Specification for crystal unit	March, 2021	_	Indigenous
		holders: Part 9 metal, welded, two -	1/101/011, 2021		mangeno us
	Reviewed In: 2021	Pin crystal unit holders type DN			
		(First Revision)			
55	IS/IEC 60122-1:	Quartz Crystal Units of Assessed		-	Identical under single
	2017	Quality Part 1: Generic			numbering
	IEC 60122-1:2002+	Specification			
	AMD1:2017CSV	-			
	IEC 60122-1:2002+				
	AMD1:2017CSV				
56	IS/IEC 60122-3:	QUARTZ CRYSTAL UNITS OF		-	Identical under dual
	2010	ASSESSED QUALITY PART 3:			numbering
	IEC 60122-3:2010	STANDARD OUTLINES AND			
	IEC 60122-3:2010	LEAD CONNECTIONS			
57	IS/IEC 60122-4:	Quartz crystal units of assessed		-	Identical under single
	2019	quality Part 4: Crystal units with			numbering
	IS/IEC	thermistors			
	60122-4:2019				
	IS/IEC 60122-4:2019				
58	IS/IEC 60368-2-1) :	Piezoelectric filters Part 2: Guide		+	Identical under dual
50	1988	to the use of piezoelectric filters		_	numbering
	IEC 60368-2-1:1988				numbering
	IEC 00308-2-1.1988	Section one Quartz crystal filters			
	60368-2-1:1988				
59	IS/IEC 60368-2-2) :	Piezoelectric filters Part 2: Guide		-	Identical under dual
	1996	to the use of piezoelectric filters			numbering
	IEC 60368-2-2:	Section 2 Piezoelectric ceramic			
	1996	filters			
	IEC 60368-2-2:				
	1996				
60	IS/IEC 60401-3:	Terms and nomenclature for cores		-	Identical under single
	2015	made of magnetically soft ferrites			numbering
	IS/IEC	Part 3: Guidelines on the format of			
	60401-3:2015	data appearing in manufacturers			
I	l	ı		I	1

ı	IS/IEC	catalogues of transformer and		I	<u> </u>
	60401-3:2015	inductor cores			
61	IS/IEC 60444-9 :	Measurement of quartz crystal unit		-	Identical under single
	2022	parameters Part 9: Measurement of			numbering
	IS/IEC	spurious resonances of			
	60444-9:2007	piezoelectric crystal units			
	IS/IEC				
	60444-9:2007				
62	IS/IEC 60556 : 2016	, ,		-	Identical under single
	IEC 60556:2006	for application at microwave			numbering
	IEC 60556:2006	frequencies Measuring methods for			
(2)	IS/IEC 60740-1 :	properties LAMINATIONS FOR	A		Tddddd.
63	2005	TRANSFORMERS AND	April, 2022	-	Identical under single numbering
	IEC 60740-1:2005	INDUCTORS PART 1:			numbering
	Reviewed In : 2022	MECHANICAL AND			
	IEC 60740-1:2005	ELECTRICAL			
	12000	CHARACTERISTICS			
64	IS 6077 (Part 1):	Specification for permanent	February, 2020	-	Indigenous
	1998	magnets: Part 1 general	•		
	Reviewed In: 2020	requirements and tests (First			
		Revision)			
65	IS/IEC 60862-1:	Surface acoustic wave SAW filters		-	Identical under single
	2015	of assessed quality Part 1: Generic			numbering
	IS/IEC 60862-1:	specification			
	2015				
	IS/IEC 60862-1:				
66	2015 IS/IEC 60862-2 :	Surface acoustic wave (SAW)	November, 2021		Identical under single
00	2002	filters of assessed quality: Part 2	November, 2021	-	numbering
	Reviewed In: 2021	guidance on use			numbering
	IEC 60862-2: 2002	guidance on use			
67	IS/IEC 60862-3:	Surface acoustic wave (SAW)	November, 2021	_	Identical under single
	2003	filters of assessed quality: Part 3	,		numbering
	Reviewed In: 2021	standard outlines			
	IEC 60862-3: 2003				
68	IS 6133 (Part 1):	Specification for piezo - Electric	November, 2021	2	Indigenous
	1971	filters for use in			
	Reviewed In: 2021	telecommunication and measuring			
		equipment: Part 1 general			
	10/IEC (2011 1	requirements and tests			x1 1 1 1 1
69	IS/IEC 62044-1 :	Cores made of soft magnetic		-	Identical under single
	2002 IS/IEC	materials Measuring methods Part 1: Generic specification			numbering
	62044-1:2002	1: Generic specification			
	IS/IEC				
	62044-1:2002				
70	IS/IEC 62044-2 :	Cores made of soft magnetic		-	Identical under single
	2005	materials Measuring methods Part			numbering
	IS/IEC	2: Magnetic properties at low			
	62044-2:2005	excitation level			
	IS/IEC				
	62044-2:2005				
71	IS/IEC 62044-3:	Cores made of soft magnetic		-	Identical under single
	2000	materials Measuring methods Part			numbering
	IS/IEC	3: Magnetic properties at high			
	62044-3:2000	excitation level			
	IS/IEC				
<u> </u>	62044-3:2000			+	

72	IS 6297 (Part 1): 1971 Reviewed In: 2020	Specification for transformers and inductors (Power, Audio, Pulse And Switching) for electronic equipment: Part 1 general requirements and tests	February, 2020	4	Indigenous
73	IS 6297 (Part 2): 1973 Reviewed In: 2020	Specification for transformers and ,inductors (Power, Audio, Pulse And Switching) for electronic equipment: Part 2 power transformers	February, 2020	-	Indigenous
74	IS 6297 (Part 3): 1974 Reviewed In: 2020	Specification for transformers and inductors (Power, Audio, Pulse And Switching) for electronic equipment: Part 3 audio frequency transformers and chokes	February, 2020	-	Indigenous
75	IS 6297 (Part 4): 1974 Reviewed In: 2020	Specification for transformers and inductors (Power, Audio, Pulse And Switching) for electronic equipment: Part 4 pulse and switching transformers	February, 2020	- Indigenous	
76	IS/IEC 63093-1: 2020 IEC 63093: Part 1:2020 IEC 63093: Part 1:2020	Ferrite cores Guidelines on dimensions and the limits of surface irregularities Part 1: General specification		- Identical under dual numbering	
77	IS/IEC 63093-4 : 2019 IS/IEC 63093-4:2019 IS/IEC 63093-4:2019	Ferrite cores Guidelines on dimensions and the limits of surface irregularities Part 4: RM- cores		-	Identical under single numbering
78	IS/IEC 63093-5 : 2018 IEC 63093-5:2018 IEC 63093-5:2018	FERRITE CORES GUIDELINES ON DIMENSIONS AND THE LIMITS OF SURFACE IRREGULARITIES PART 5: EP- CORES AND ASSOCIATED PARTS FOR USE IN INDUCTORS AND TRANSFORMERS		-	Identical under single numbering
79	IS/IEC 63093-8: 2018 IS/IEC 63093-8: 2018 IS/IEC 63093-8: 2018	Ferrite cores Guidelines on dimensions and the limits of surface irregularities Part 8: E- cores		-	Identical under single numbering
80	2018 IEC 63093-11:2018	FERRITE CORES GUIDELINES ON DIMENSIONS AND THE LIMITS OF SURFACE IRREGULARITIES PART 11: EC- CORES FOR USE IN POWER SUPPLY APPLICATIONS		- Identical under single numbering	
81	IS/IEC 63182-2: 2020 IS/IEC 63182-2: 2020 IS/IEC 63182-2: 2020	Magnetic powder cores Guidelines on dimensions and the limits of surface irregularities Part 2: Ring- cores		-	Identical under single numbering
82	IS/QC 680100 :	Quartz crystal units - A	February, 2020	-	Identical under single

83	1995 Reviewed In : 2020 IECQC 680100:1993 IS/QC 680101 :	Secalspecification - Capability approval Quartz crystal units - A	February, 2020	-	numbering Identical under single
		specification in the IEC quality assessment system for electronic components (IECQ) - Blank detail specification - Capability approval		numbering	
84	IS 7527 : 1992 Reviewed In : 2015	Dimensions of loudspeaker magnets (First Revision)	March, 2015	-	Indigenous
85	IS 7616 : 2021 IEC 60205:2016 IEC 60205:2016	CALCULATION OF THE EFFECTIVE PARAMETERS OF MAGNETIC PIECE PARTS First Revision		-	Identical under dual numbering
86	IEC 60444-1(1986) Reviewed In : 2022	Measurement of quartz crystal unit parameters by zero phase technique in A p - Network: Part 1 basic method for the measurement of resonance frequency and resonance resistance of quartz crystal units by zero phase technique in a ? - Network (First Revision)		1 Identical under dual numbering	
87	IS 8201 : 1976 Reviewed In : 2020	Specification for high frequency wideband matching transformer	February, 2020	-	Indigenous
88	IS 8271 (Part 2/Sec 9): 1982 Reviewed In: 2015	Specification for 1 quartz crystal units used for frequency control and selection: Part 2 series AA for oscillators: Sec 9 quartz crystal unit type AA - 09		-	Indigenous
89	IS 8271 (Part 5/Sec 15): 1990 Reviewed In: 2018		December, 2018	-	Indigenous
90	IS 8271 (Part 6/Sec 5): 1991 Reviewed In: 2018	Quartz crystal units used for frequency control and selection specification: Part 8 series BF for oscillators: Sec 5 quarp crystal unit type BF - 05	December, 2018	-	Indigenous
91	IS 8454 : 1977 Reviewed In : 2020 IEC 392-1972	Guide for drafting of performance specifications for gyromagnetic materials for use at microwave frequencies	February, 2020	-	Modified/Technically Equivalent
92	IS 8644 : 2001 IEC 60329(1985) Reviewed In : 2020 IEC 60329(1985)	Strip - Wound cut cores of grain oriented silicon - Iron alloy, used for electronic and telecommunication equipment (First Revision)	September, 2020	- Identical under dual numbering	
93	IS 8645 : 1977 Reviewed In : 2020	Dimensions of magnets for energy meters	February, 2020	-	Indigenous
94	IS 9018 (Part 1): 2022 IEC 60679-1:2017 IEC 60679-1:2017	Piezoelectric dielectric and electrostatic oscillators of assessed quality Part 1: Generic specification		-	Identical under dual numbering
95	IS 9187 (Part 1): 1979 Reviewed In: 2020	Specification for deflection coil units used with TV picture tubes: Part 1 general requirements and	February, 2020	1	Indigenous

1		tests		I	
96	IS 9187 (Part 2):	Specification for deflection coil	February, 2020	_	Indigenous
	1980	units used with TV picture tubes:			
	Reviewed In: 2020	Part 2 type dcu is for 470 mm, 510			
		mm, 590 mm and 610 mm TV			
		picture tubes			
97	IS 9187 (Part 3):	Specification for deflection coil	February, 2020	-	Indigenous
	1980	units used with TV picture tubes:			
	Reviewed In: 2020	Part iii type dcu 1 h for 470 mm,			
		510 mm, 590 mm and 610 mm TV			
		picture tubes			
98	IS 9187 (Part 4):	Specification for deflection coil up	February, 2020	-	Indigenous
	1980	used with TV picture tubes: Part 4			
	Reviewed In: 2020	type DCU2S for 310 mm and 340			
	IC 0107 (D- + 5)	mm picture tubes	E-1 2020	+	To Parameter
99	IS 9187 (Part 5): 1998	Specification for deflection coil	February, 2020	-	Indigenous
		units used with TV picture tubes: Part 5 deflection coil units for			
	Reviewed In: 2020	colour picture tubes			
100	IS 9205 (Part 1):	Directly heated negative		_	Identical under dual
100		temperature coefficient thermistors		1	numbering
	IEC 60539-1:2016	Part 1: Generic specification			numbering
	IEC 60539-1:2016	Tare 1. Concre specification			
101	IS 9229 : 1979	Specification for inductors for	February, 2020	-	Indigenous
	Reviewed In: 2020	electromagnetic interference	3 /		
		suppression			
102	IS 9333 : 2009	Measuring Methods for Cylinder	April, 2022	-	Modified/Technically
	Reviewed In: 2022	Cores, Tube Cores and Screw			Equivalent
	IEC 60732: 1982	Cores of Magnetic Oxides			
103	IS 9344 : 1979	Dimensions of toroidal strip -	February, 2020	2	Modified/Technically
	Reviewed In: 2020	Wound cores of magnetically soft			Equivalent
	IEC 60635 : 1978	material			
104	IS 9652 : 1980	Dimensions for magnetic oxide	February, 2020	-	Modified/Technically
	Reviewed In : 2020	cores and associated coil formers			Equivalent
	IEC 647 : 1979	for use in power supplies (Ec - Cores)			
105	IS 9728 : 1981	Specification for phase offset	February, 2020		Indigenous
103	IEC 494-2	method for measurement of	1 cordary, 2020		margenous
	Reviewed In: 2020	motional capacitance of quartz			
		crystal units			
106	IS 9819 (Part 1):	Specification for line output	November, 2020	-	Indigenous
	1981	transformers (Eht) used with TV			
	Reviewed In: 2020	picture tubes: Part 1 general			
		requirements and tests			
107	IS 9819 (Part 2):	Specification for line output	May, 2020	-	Indigenous
	1982	transformers used with TV picture			
	Reviewed In: 2020	tubes: Part ii type lot 1s for 470			
		mm, 510 mm, 590 mm and 610			
100	IC 0010 (D + 2)	mm TV picture tubes	C1 0000	1	T. 4'
108	IS 9819 (Part 3):	Specification for line output	September, 2020	_	Indigenous
	1982 Reviewed In : 2020	transformers (Eht) used with TV picture tubes: Part 3 type lot 1h for			
	Kevieweu III : 2020	470 mm, 510 mm, 590 mm and			
		610 mm TV picture tubes			
109	IS 9819 (Part 4):	Specification for line output	August, 2020	-	Indigenous
	1984	transformer (Eht) used with TV			
	Reviewed In: 2020	picture tubes: Part 4 type lot 2s for			
		310 mm and 340 mm TV picture			
		tubes		<u> </u>	
				1	I -

110		Specification for line output transformers (Eht) Used with TV - Picture tubes: Part 5 lot for colour picture tubes		-	Indigenous
111	IS 9946 : 1981 Reviewed In : 2018	Tests for magnetic properties of ferrite aerial rods	December, 2018	-	Indigenous

Standards under Development

	Projects Approved			
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	
No Records Found			

		Draft Standards Completed WC Stage	
SI. No.	Doc No.	Title	
No Records Found			

		Finalized Draft Indian Standard
SI. No.	Doc No.	Title
No Records Found		

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

Total Published Standards:111 Total Standards Under development:0

Aspect Wise Report

Product: 78
Code of Practices: 7
Methods of Test: 10
Terminology: 3
Dimensions: 11
System Standard: 0
Safety Standard: 0
Others: 2

Service Specification: 0 Process Specification: 0 Unclassified: 0

Annexure-I :List of Indian Standards Withdrawn/Superseded

Reviewed 2	(Part 1): 1981 ed In: 2020 087: 1981 n: 2015 IEC 47 O) 701 922: 1984 9-3A(1976) In: 2016 IEC 3A(1976) (Part 2/Sec 2): 1988 ed In: 2020 (Part 1): 1986 In: 2019 IEC 40- 1982 (Part 2/Sec 1):	Specification for linearity control units used with TV picture tubes Part 1 general requirements an tests Code of practice for handling of electrostatic sensit4e devices Specification for copper foil for use in the manufacture of copper - Clad base material Dimensions of mounting accessories of pot cores for printed circuit board mountings Part 2 pot cores of size 26 x 16 mm Sec 2 type 2 Specification for laminations for transformers and inductors for use in telecommunication and electronic equipment Part 1 general requirements and tests
2 IS 10 Reviewed (C) 3 IS 10 IEC 24 Reviewed 2494 4 IS 11392 Reviewed 5 IS 11794 Reviewed 607 6 IS 11794 Reviewed	087: 1981 n: 2015 IEC 47 O) 701 922: 1984 9-3A(1976) I In: 2016 IEC 3A(1976) (Part 2/Sec 2): 1988 ed In: 2020 (Part 1): 1986 I In: 2019 IEC 40- 1982	Code of practice for handling of electrostatic sensit4e devices Specification for copper foil for use in the manufacture of copper - Clad base material Dimensions of mounting accessories of pot cores for printed circuit board mountings Part 2 pot cores of size 26 x 16 mm Sec 2 type 2 Specification for laminations for transformers and inductors for use in telecommunication and
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3 IS 10 IEC 2 ² Reviewed 249 4 IS 11392 Reviewed 5 IS 11794 Reviewed 607 6 IS 11794 Reviewed	O) 701 922 : 1984 9-3A(1976) In: 2016 IEC 3A(1976) (Part 2/Sec 2) : 1988 ed In: 2020 (Part 1) : 1986 In: 2019 IEC 40- 1982	Specification for copper foil for use in the manufacture of copper - Clad base material Dimensions of mounting accessories of pot cores for printed circuit board mountings Part 2 pot cores of size 26 x 16 mm Sec 2 type 2 Specification for laminations for transformers and inductors for use in telecommunication and
3 IS 10 IEC 24 Reviewed 249 4 IS 11392 Reviewed 5 IS 11794 Reviewed 607 6 IS 11794 Reviewed	922:1984 9-3A(1976) In:2016 IEC 3A(1976) (Part 2/Sec 2): 1988 ed In:2020 (Part 1):1986 In:2019 IEC 40-1982	Dimensions of mounting accessories of pot cores for printed circuit board mountings Part 2 pot cores of size 26 x 16 mm Sec 2 type 2 Specification for laminations for transformers and inductors for use in telecommunication and
IEC 24 Reviewed 249 4 IS 11392 Reviewed 5 IS 11794 Reviewed 607 6 IS 11794 Reviewed	9-3A(1976) In: 2016 IEC 3A(1976) (Part 2/Sec 2): 1988 ed In: 2020 (Part 1): 1986 In: 2019 IEC 40- 1982	Dimensions of mounting accessories of pot cores for printed circuit board mountings Part 2 pot cores of size 26 x 16 mm Sec 2 type 2 Specification for laminations for transformers and inductors for use in telecommunication and
Reviewed 249- 4 IS 11392 Reviewed 5 IS 11794 Reviewed 607 6 IS 11794 Reviewed	In: 2016 IEC 3A(1976) (Part 2/Sec 2): 1988 ed In: 2020 (Part 1): 1986 In: 2019 IEC 40- 1982	cores of size 26 x 16 mm Sec 2 type 2 Specification for laminations for transformers and inductors for use in telecommunication and
249- 4 IS 11392 Review 5 IS 11794 Reviewed 607 6 IS 11794 Reviewed	3A(1976) (Part 2/Sec 2): 1988 ed In: 2020 (Part 1): 1986 In: 2019 IEC 40- 1982	cores of size 26 x 16 mm Sec 2 type 2 Specification for laminations for transformers and inductors for use in telecommunication and
4 IS 11392 Review 5 IS 11794 Reviewed 607 6 IS 11794 Reviewed	(Part 2/Sec 2): 1988 ed In: 2020 (Part 1): 1986 In: 2019 IEC 40- 1982	cores of size 26 x 16 mm Sec 2 type 2 Specification for laminations for transformers and inductors for use in telecommunication and
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5 IS 11794 Reviewer 607 6 IS 11794 Reviewer	ed In: 2020 (Part 1): 1986 In: 2019 IEC 40- 1982	Specification for laminations for transformers and inductors for use in telecommunication and
5 IS 11794 Reviewer 607 6 IS 11794 Reviewer	(Part 1) : 1986 l In : 2019 IEC 40- 1982	
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6 IS 11794 Reviewed	40- 1982	electronic equipment Part 1 general requirements and tests
6 IS 11794 Reviewed		
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	(1 art 2/5000 1).	Specification for laminations for transformers and inductors for use in telecommunication and
	1986	electronic equipment Part 2 preferred ranges of laminations Sec 1 lamination type yei - I
(07	In: 2019 IEC	
	10-1:2005	
7 IS 11794	(Part 2/Sec 2):	Specification for laminations for transformers and inductors for use in telecommunication and
	1986	electronic equipment Part 2 preferred ranges of laminations Sec 2 lamination type yex - 2
	In: 2019 IEC	
	0-1:2005	
8 IS 11794	(Part 2/Sec 3):	Specification for laminations for transformers and inductors for use in telecommunication and
	1986	electronic equipment Part 2 preferred ranges of laminations Sec 3 lamination type yed - 2
	In: 2019 IEC	
	0-1:2005	
9 IS 11794	(Part 2/Sec 4):	Specification for laminations for transformers and inductors for use in telecommunication and
	1986	electronic equipment Part 2 preferred ranges of laminations Sec 4 lamination type yex - 3
	In: 2019 IEC	
	10-1:2005	
10 IS 11794	(Part 2/Sec 5): 1986	Specification for laminations for transformers and inductors for use in telecommunication and
Paviana	In: 2019 IEC	electronic equipment Part 2 preferred ranges of laminations Sec 5 lamination type yex - 4
	10-1:2005	
	(Part 2/Sec 6):	Specification for laminations for transformers and inductors for use in telecommunication and
11 15 11/94	1986	electronic equipment Part 2 preferred ranges of laminations Sec 6 lamination type yui - 1
Reviewe	In: 2019 IEC	circumic equipment 1 art 2 preferred ranges of familiations see o familiation type yur - 1
I I	10-1:2005	
	(Part 2/Sec 7):	Specification for laminations for transformers and inductors for use in telecommunication and
	1986	electronic equiPment Part 2 preferred ranges of laminations Sec 7 lamination type ym - 1
Reviewed	In: 2019 IEC	protections equal metric rule 2 protected runges of running see a runnin
	10-1:2005	
	310 : 1992	Dimensions of e - Cores with rectangular cross - Sec made of magnetic oxides intended for general
	n: 2018 IEC 51	
(SE	CTT)294	•
	(Part 1): 1992	Performance Requirements and Methods of Tests of TV Ferrite Components - Part 1 U Core for
	red In: 2018	Line Output Transformers
15 IS 13388	(Part 2): 1992	Performance requirements and methods of tests of TV ferrite components Part 2 u core for line
Review	ed In: 2018	dr4er transformers
16 IS 13388	(Part 3): 1992	Performance requirements and methods of tests of TV ferrite components Part 3 core for
Reviev	red In: 2018	deflection coil
17 IS 14	498 : 1998	EP - Cores made of magnetic oxides and associated Parts - Dimensions
Reviewed	In: 2020 IEC	
	96 : 1995	
	(Part 1): 2010	Ferrite cores guide on the limits of surface irregularities Part 1 general specification
	938-1:2006	
Reviewed	In: 2018 IEC	

1	60938-1:2006	
19	IS 1885 (Part 12): 1966	Electrotechnical vocabulary Part 12 ferromagnetic oxide materials
	Reviewed In: 2014 IEC	•
	60125 : 1961	
20	IS/QC 250000 : 1988	Inductor and transformer cores for telecommunications generic specification
	IECQC 250000 (1982)	
	Reviewed In: 2015 IECQC	
	250000 (1982)	
21	IS/QC 250100 : 1988	Inductor and transformer cores for telecommunications Sectional specification magnetic oxide
	Reviewed In: 2015 IECQC	cores for inductor applications
	250100 (1982)	
22	IS/QC 250101 : 1988	Inductor and transformer cores for telecommunications blank detail specification magnetic oxide
	Reviewed In: 2015 IECQC	cores for inductor applications assessmet level A
	250101 (1983)	
23	IS/QC 250200 : 1988	Inductor and transformer cores for telecommunications Sectional specification magnetic oxide
	Reviewed In: 2015 IECQC	cores for broad - Band transformers
	250200 (1985)	
24	IS/QC 250201 : 1988	Inductor and transformer cores for telecommunications blank detail specification magnetic oxide
	Reviewed In: 2015 IECQC	cores for broad - Band transformers assessment levels a and b
	250201 & 2-85	
25	IS/QC 250300 : 1988	Inductor and transformer cores for telecommunications Secal specification magnetic oxide cores
	Reviewed In: 2015 IEQC	for transformers and chokes for power applications
26	250300 : 1988	
26	IS/QC 250301 : 1988	Inductor and transformer cores for telecommunications blank detail specification magnetic oxide
	Reviewed In: 2015 IECQC	cores for transformers and chokes for power applications assessment level a
27	250301 (1987)	Consideration Communication (Abellian Book Orange) and accommunication of the Constant
27	IS 4570 (Part 1): 1983 IEC 122-3	Specification for crystal unit holders Part 9 general requirements and tests First Revision
	Reviewed In: 2015	
28	IS 4570 (Part 2): 1999	Specification for crystal unit holders Part 2 metal solder - Sealed two pin crystal unit holders types
20	Reviewed In : 2015 IEC	AA and AB First Revision
	60122-3:2010	AA and AD I iist Revision
29	IS 4570 (Part 3): 1984	Specification for crystal unit holders Part 3 tube type crystal unit holders Glass types AP AR AS
	Reviewed In: 2015 IEC	AT and AU
	60122-3:2010	
30	IS 4570 (Part 4): 1999	Specification for crystal unit holders Part 4 metal solder - Sealed two pin crystal unit holders types
	Reviewed In: 2015 IEC	BC and BC 1 First Revision
	60122-3:2010	
31	IS 4570 (Part 6): 1999	Specification for crystal unit holders Part 6 metal solder - Sealed two pin crystal unit holders type
	Reviewed In: 2015 IEC	CX First Revision
	60122-3:2010	
32	IS 4570 (Part 7): 1985	Crystal unit holders Part 7 Microminiature metal solder seal two-wire crystal unit holder type DJ
	IEC 122-3	
	Reviewed In: 2015	
33	IS 4570 (Part 8): 1999	Specification for crystal unit holders Part 8 metal welded three wire crystal unit holders type DK
	Reviewed In: 2015 IEC	First Revision
	60122-3:2010	
34	IS 4570 (Part 10): 1999	Crystal unlt holders - Specificaiton Part 10 metal welded two - Pin crystal unit holders types DP
	Reviewed In: 2015 IEC	and EH First Revision
25	60122-3:2010	Constitution for a model and the late of t
35	IS 4570 (Part 11): 1999	Specification for crystal unit holders Part 11 metal welded two - Pin crystal unit holder type DQ
	Reviewed In : 2015 IEC	First Revision
26	60122-3:2010	Consideration for any stal unit holders Don't 10 missourinists and a second and West 14 W.
36	IS 4570 (Part 12) : 1989 Reviewed In : 2015 IEC	Specification for crystal unit holders Part 12 microminiature metal cold - Welded two - Wire
	60122-3:2010	crystal unit holder type EB
37	IS 4570 (Part 13/Sec 1):	Crystal unit holders - Specification Part 13 quartz crystal unit holder outline for automatic
31	15 45 /0 (Part 15/Sec 1): 1993	handling Sec 1 metal sealed two pin crystal unit holder type CU 01
	Reviewed In: 2015	nandning Sec 1 metar scared two pin crystar unit noider type CO 01
1	Keviewed III : 2013	

38	IS 4570 (Part 13/Sec 2):	Crystal unit holders - Specification Part 13 quartz crystal unit holder outline for automatic
	1993	handling Sec 2 metal sealed two pin crystal unit holder type CU 02
	Reviewed In: 2015	
39	IS 4570 (Part 13/Sec 3):	Crystal unit holders - Specificaiton Part 13 quartz crygtal unit holder outline for automatic
	1993	handling Sec 3 metal sealed two pin crystal unit holder type CU 03
	Reviewed In: 2015	
40	IS 4570 (Part 13/Sec 4):	Crystal unit holders - Specification Part 13 quartz crystal unit holder outline for automatic
	1993	handling Sec 4 metal sealed two pin crystal unit holder type CU 04
	Reviewed In: 2015	
41	IS 4570 (Part 13/Sec 5):	Crystal unit holders - Specificaiton Part 13 quartz crystal unit holder outline for automatic
	1993	handling Sec 5 metal sealed two pin crystal unit holder type CU 05
	Reviewed In: 2015	
42	IS 5575 (Part 1): 1970	Specification for temperature control devices For quartz crystal units Heating Type Part 1 general
	Reviewed In: 2015	requirements and tests
43	IS 5575 (Part 2): 1978	Specification for temperature control devices for quartz crystal units Heating Type Part 2 pin
	Reviewed In: 2015	connections and bases
44	IS 6235 : 1992	Dimensions of pot - Cores made of magnetic oxides and associated Parts First Revision
	Reviewed In: 2015 IEC	
	133 (1985)	
45	IS 6537 : 1972	Guide to the use of temperature control devices for crystal units
	Reviewed In: 2015 IEC	·
	(CO 48)	
46	IS/QC 680000 : 1995	Quartz crystal units - A specification in the IEC quality assessment system for electronic
	Reviewed In: 2020 IECQC	
	680000:1993	
47	IS 7410 (Part 1): 1974	Guide to the use of piezoelectric filters Part 1 quartz crystal filters
	IEC 368-1971	
	Reviewed In: 2020 IEC	
	368: 1971	
48	IS 7410 (Part 2): 1974	Guide to the use of piezoelectric filters Part 2 piezoelectric ceramic filters
	IEC 368-1971	
	Reviewed In: 2020 IEC	
	368: 1971	
49	IS 7416 (Part 1): 1986	Dimensions for TV ferrite components Part 1 cores for deflection coil First Revision
	Reviewed In: 2020	
50	IS 7416 (Part 2): 1991	Dimensions of TV ferrite components Part 2 ferrite prod for linearity control unit First Revision
	Reviewed In: 2020	
51	IS 7416 (Part 3): 1976	Dimensions for TV ferrite components Part 3 tuning magnet for linearity control unit
	Reviewed In: 2020	
52	IS 7416 (Part 4): 1991	Dimensionsfor TVferritecomponents Part 4 ring magnet for linearity control unit First Revision
	Reviewed In: 2014	
53	IS 7416 (Part 5): 1976	Dimensions for TV ferrite components Part 5 segment magnet for linearity control unit
	Reviewed In: 2020	
54	IS 7416 (Part 6): 1987	Dimensions for TV ferrite components Part 6 beam centring magnet for deflection coil First
	Reviewed In: 2014	Revision
55	IS 7416 (Part 7): 1976	Dimensions for TV ferrite components Part 7 pin cushion correction magnet for deflection coil
	Reviewed In: 2020	
56	IS 7416 (Part 8): 1985	Dimensions for television ferrite components Part 8 U and U core assembly for line output
	Reviewed In: 2020	transformer First Revision
57	IS 7416 (Part 10): 1987	Dimensions for TV fer - rite components Part 10 corner correction magnet First Revision
	Reviewed In: 2014	
58	IS 7416 (Part 11): 1976	Dimensions for TV ferrite components Part 11 balun core
	Reviewed In: 2020	
59	IS 7416 (Part 12): 1984	Dimensions for TV ferrite components Part 12 U core for line dr4er transformer
	Reviewed In: 2020	
60	IS 7430 : 1974	Dimensions of screw cores made of ferromagnetic oxides
	Reviewed In: 2015 IEC	
	221A (1972)	
61	IS 7687 : 1980	Methods of measurement for cores for inductors and transformers for telecommunications
1	1	I control of the cont

1	IEC 367-1	
	Reviewed In: 2015	
62	IS 7930 : 1976	Dimensions of toroids made of magnetic oxides or iron powder
	Reviewed In: 2015 IEC 51	
63	(CO)157 IS 7934 : 1981	Dimensions of square cores made of magnetic oxides and associated Parts First Revision
0.5	Reviewed In : 2015 IEC	Dimensions of square cores made of magnetic oxides and associated Parts First Revision
	431 : 1973	
64	IS 7957 : 1976	Basic method for the measurement of resonance frequency and equ4alent series resistance of
	IEC 60444-1(1986)	quartz crystal units by zero phase technique in a - Network
	Reviewed In: 2022 IEC	
	60444-1(1986)	
65	IS 7962 : 1975	Methods of measurement for piezoelectric vibrators operating over the frequency range up to 30
	IEC 302	MHz
	Reviewed In : 2015	
66	IS 8011 : 1976 IEC 283	Metrods for measurement of frequency and equ4alent resistance of unwanted resonances of filter crystal units
	Reviewed In : 2015	Crystal units
67	IS 8271 (Part 1): 1981	Specification for quartz crystal units used for frequency control and selection Part 1 general
	IEC 122	requirements and tests First Revision
	Reviewed In: 2020	•
68	IS 8271 (Part 2/Sec 1):	Specification for quartz crystal units used in oscillators Part 2 series AA Sec 1 quartz crystal unit
	1981	type AA - 01
	Reviewed In: 2020	
69	IS 8271 (Part 2/Sec 2):	Specification for quartz crystal units use - D in oscillators Part 11 series AA Sec 2 quartz crystal
	1981	unit type AA - 02
70	Reviewed In : 2020 IS 8271 (Part 2/Sec 3) :	Specification for quartz crystal units used in oscillators Part 2 series AA Sec 3 quartz crystal unit
70	1981	type AA - 03
	Reviewed In: 2020	Special of
71	IS 8271 (Part 2/Sec 4):	Specification for quartz crystal units used in oscillators Part 2 series AA Sec 4 quartz crystal unit
	1981	type AA - 04
	Reviewed In: 2020	
72	IS 8271 (Part 2/Sec 5):	Specification for quartz crystal units used in oscillators Part 2 series AA Sec 5 quartz crystal unit
	1981	type AA - 05
73	Reviewed In : 2020 IS 8271 (Part 2/Sec 6) :	Specification for quartz crystal units used in oscillators Part 2 series AA Sec 6 quartz crystal unit
13	1981	type AA - 06
	Reviewed In: 2020	QP*****
74	IS 8271 (Part 2/Sec 7):	Specification for 1 quartz crystal units used for frequency control and selection Part 2 series AA
	1982	for oscillators Sec 7 quartz crystal unit type BC - 07
	Reviewed In: 2015	
75	IS 8271 (Part 2/Sec 8):	Specification for quartz crystal units used for frequency control and selection Part 2 series AA for
	1982	oscillators Sec 8 quartz crystal unit type AA - 08
76	Reviewed In : 2015 IS 8271 (Part 2/Sec 10) :	Specification for 1 quartz crystal units used for frequency control and selection Part 2 series AA
70	1984	for oscillators Sec 10 quartz crystal unit type AA - 10
	Reviewed In: 2015	Tot coolimicals see to quarte eryoun unit type that to
77	IS 8271 (Part 2/Sec 11):	Specification for quartz crystal units used for frequency control and selection Part 2 series AA for
	1984	oscillators Sec 11 quartz crystal unit type AA - 11
	Reviewed In: 2015	
78	IS 8271 (Part 2/Sec 12):	Specification for quartz crystal units used for frequency control and selection Part 2 series AA for
	1984	oscillators Sec 12 quartz crystal unit type AA - 12
79	Reviewed In: 2015 IS 8271 (Part 2/Sec 13):	Specification for quartz crystal units used for frequency control and selection Part 2 series AA for
13	1984	oscillators Sec 13 quartz crystal unit type AA - 13
	Reviewed In: 2015	occuments see 15 quarte or joint unit type 11/1 15
80	IS 8271 (Part 2/Sec 14):	Specification for 1 quartz crystal units used for frequency control and selection Part 2 series AA
	1984	for oscillators Sec 14 quartz crystal unit type AA - 14
I	1	

	Reviewed In: 2015	
81	IS 8271 (Part 2/Sec 15):	Specification for quartz crystal units used for frequency control and selection Part 2 series AA for
	1985	oscillators Sec 15 quartz crystal unit type AA - 1 5
00	Reviewed In : 2015	
82	IS 8271 (Part 2/Sec 16): 1985	Specification for quartz crystal units used for frequency control and selection Part 2 series AA for oscillators Sec 16 quartz crystal unit type AA - 16
	Reviewed In: 2020	osemators see to quartz crystar unit type AA - 10
83	IS 8271 (Part 2/Sec 17):	Specification for 1 quartz crystal units used for frequency control and selection Part 2 series AA
	1985	for oscillators Sec 17 quartz crystal unit type AA - L 7
	Reviewed In: 2020	
84	IS 8271 (Part 2/Sec 18):	Specification for quartz crystal units used for frequency control and selection Part 2 series AA for
	1985 Reviewed In : 2020	oscillators Sec 18 quartz crystal unit type AA - 18
85	IS 8271 (Part 2/Sec 19):	SpeciFication for quartz crystal units used for frequency control and selection Part 2 series AA for
	1985	oscillator Sec 19 quartz crystal unit type AA - 19
	Reviewed In: 2020	1 7 31
86	IS 8271 (Part 2/Sec 20):	Specification for quartz crystal units used for frequency control and selection Part 2 series AA for
	1985	oscillators Sec 20 quartz crystal unit type AA - 20
87	Reviewed In: 2020 IS 8271 (Part 2/Sec 21):	Specification for quartz crystal units used for frequency control and selection Part 2 series AA for
07	1985	oscillators Sec 21 quartz crystal unit type AA - 21
	Reviewed In: 2020	osemutors see 21 quartz erjouar unit type 1111 21
88	IS 8271 (Part 2/Sec 22):	Specification for quartz crystal units used for frequency control and selection Part 2 series AA for
	1985	oscillators Sec 22 quartz crystal unit type AA - 22
00	Reviewed In : 2020	Consideration for the state of
89	IS 8271 (Part 3/Sec 1): 1982	Specification for quartz crystal units used for frequency control and selection Part 3 series BC for oscillators Sec 1 quartz crystal unit type BC - 01
	Reviewed In: 2015	osemators see 1 quartz crystar unit type be - 01
90	IS 8271 (Part 3/Sec 2):	Specification for quartz crystal units used for frequency control and selection Part 3 series BC for
	1982	oscillators Sec 2 quartz crystal unit type BC - 02
	Reviewed In: 2015	
91	IS 8271 (Part 3/Sec 3):	SpecIFICatIOn for 1 quartz crystal units used for frequency control and selection Part 3 series BC
	1982 Reviewed In : 2018	for oscillators Sec 3 quartz crystal unit type BC - 03
92	IS 8271 (Part 3/Sec 4):	Specification for quartz crystal units used for frequency control and selection Part 3 series BC for
	1982	oscillators Sec 4 quartz crystal unit type BC - 04
	Reviewed In: 2015	
93	IS 8271 (Part 3/Sec 5):	Specification for 1 quartz crystal units used for frequency control and selection Part 3 series BC
	1982 Reviewed In : 2015	for oscillators Sec 5 quartz crystal unit type BC - 05
94	IS 8271 (Part 3/Sec 6):	Specification for quartz crystal units used in oscillators Part 3 series BC Sec 6 quartz crystal unit
	1982	type BC - 06
	Reviewed In: 2015	
95	IS 8271 (Part 3/Sec 7):	SpecIFICatIOn for quartz crystal units used in oscillators Part 3 series BC Sec 7 quartz crystal unit
	1982	type BC - 07
96	Reviewed In: 2015 IS 8271 (Part 3/Sec 8):	Specification for quartz crystal units used for frequency control and selection Part 3 series BC for
	1982	oscillators Sec 8 quartz crystal unit type BC - 08
	Reviewed In: 2015	1 7 31
97	IS 8271 (Part 3/Sec 9):	Specification for 1 quartz crystal units used for frequency control and selection Part 3 series BC
	1982	for oscillators Sec 9 quartz crystal unit type BC - 09
98	Reviewed In : 2015	Specification for quartz crystal units used for frequency control and selection Part 4 series AB for
98	IS 8271 (Part 4/Sec 1): 1983	oscillators Sec 1 quartz crystal unit type AB - 01
	Reviewed In: 2015	osemators see 1 quartz erystar unit type 115 of
99	IS 8271 (Part 4/Sec 2):	Specification for quartz crystal units used for frequency control and selection Part 4 series AB for
	1983	oscillators Sec 2 quartz crystal unit type AB - 02
100	Reviewed In: 2015	Specification for most amount amount of the form of the first of the f
100	IS 8271 (Part 4/Sec 3):	Specification for quartz crystal units used for frequency control and selecti - On Part 4 series AB

	1984 Reviewed In : 2015	for oscillators Sec 3 quartz crystal unit type AB - 03
101	IS 8271 (Part 4/Sec 4):	Specification for quartz crystal units used for frequency control and selection Part 4 series a6 for
	1984	oscillators Sec 4 quartz crystal unit type AB - 04
	Reviewed In: 2015	
102	IS 8271 (Part 5/Sec 1):	Specification for quartz crystal units used for frequency control and selection Part 5 series CX for
	1986	oscillators Sec 1 quartz crystal unit type CX - 01
	Reviewed In: 2015	
103	IS 8271 (Part 5/Sec 2):	Specification for quartz crystal units used for frequency control and selection Part 5 series CX for
	1986	oscillators Sec 2 quartz crystal unit type CX - 02
104	Reviewed In : 2015	Cascification for superty amounts under for fire supercy control and calcular Dout 5 caring CV for
104	IS 8271 (Part 5/Sec 3): 1986	Specification for quartz crystal units used for frequency control and selection Part 5 series CX for oscillators Sec 3 quartz crystal unit type CX - 03
	Reviewed In: 2015	oscillators See 3 quartz erystal unit type CX - 03
105	IS 8271 (Part 5/Sec 4):	Specification for quartz crystal units used for frequency control and selection Part 5 series CX for
	1986	oscillators Sec 4 quartz crystal unit type CX - 04
	Reviewed In: 2015	
106	IS 8271 (Part 5/Sec 5):	Specification for quartz crystal units used for frequency control and selection Part 5 series CX for
	1986	oscillator Sec 5 quartz crystal unit type CX - 05
	Reviewed In: 2015	
107	IS 8271 (Part 5/Sec 6):	Specification for quarw crystal units used for frequency control and selection Part 5 series CX for
	1988	oscillators Sec 6 quartz crystal unit type CX - 06
108	Reviewed In: 2015 IS 8271 (Part 5/Sec 7):	Specification for quartz crystal units used for frequency control and selection Part 5 series CX -
108	15 82/1 (Part 5/Sec 7): 1989	For oscilliAtors Sec 7 quartz crystal unit type CX - 07
	Reviewed In: 2015	1 of oscillators see 7 quartz crystar unit type CA = 07
109	IS 8271 (Part 5/Sec 8):	Quartz crystal units used for frequency control and selection - Specificaiton Part 5 series CX for
	1989	oscillators Sec 8 quartz crystal unit type CX - 08
	Reviewed In: 2018	
110	IS 8271 (Part 5/Sec 9):	Specification for quartz crystal units used for frequency control and selection Part 5 series CX for
	1989	oscillators Sec 9 quartz crystal type CX - 09
444	Reviewed In: 2018	
111	IS 8271 (Part 5/Sec 10):	Quartz crystal units used for frequencycontrol and selection - Specification Part 5 series CX for
	1989 Reviewed In : 2018	oscillators Sec 10 quartz crystal unit type CX - 10
112	IS 8271 (Part 5/Sec 11):	Quartz crystal units used for frequency control and selection specification Part 5 series CX for
112	1990	oscillators Sec 11 quartz crystal unit type CX - 11
	Reviewed In: 2018	Town a St.
113	IS 8271 (Part 5/Sec 12):	Quartz crystal units used for frequency control and selection - Specificaiton Part 5 series CX for
	1990	oscillators Sec 12 quartz crystal unit type CX - 12
	Reviewed In: 2018	
114	IS 8271 (Part 5/Sec 13):	Quartz crystal units used for frequency control and selection - Specification Part 5 series CX for
	1990 P : 11 2010	oscillators Sec 13 quartz crystal unit type CX - 13
115	Reviewed In: 2018 IS 8271 (Part 5/Sec 14):	Quartz crystal units used for frequency control and selection - Specificaiton Part 5 series CX for
113	1990	oscillators Sec 14 quartz crystal unit type CX - 14
	Reviewed In: 2015	osemators see 11 quare erystal unit type ery
116	IS 8271 (Part 5/Sec 16):	Quartz crystal units used for frequency control and selection specification Part 5 series CX for
	1990	oscillators Sec 16 quarti crystal unit type CX - 16
	Reviewed In: 2018	
117	IS 8271 (Part 5/Sec 17):	Quartz crystal units frequency control and used for selection specification Part 5 series CX for
	1990	oscillators Sec 17 quartz crystal unit type CX - 17
110	Reviewed In : 2018	
118	IS 8271 (Part 6/Sec 1):	Specification for quartz crystal units used for frequency control and selection Part 6 series BF - 01
	1986 Reviewed In : 2018	for oscillators Sec 1 quartz crystal unit type BF - 01
119	IS 8271 (Part 6/Sec 2):	Specification for quartz crystal units used for frequency control and selection Part 6 series BF for
	1986	oscillators Sec 2 quartz crystal unit type BF - 02
	Reviewed In: 2018	Tri duni i Anni i Abe a-
		I .

120	o series BF for series BF for inductors for
Reviewed In: 2018 121 IS 8271 (Part 6/Sec 4):	series BF for
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and 51 (Sectt) 140	
126 IS 8426 (Part 3): 1977 Method of measurements for properties of gyromagnetic materials for use at m	nicrowave
IEC 556 frequencies Part 3 permitt4ity apparent density and curie temperature	
Reviewed In: 2019 IEC	
Document 51 (C.O.) 164	
and 51 (Sectt) 140	
127 IS 9018: 1978 General requirements and tests for quartz crystal oscillators	
Reviewed In: 2021	
128 IS 9653: 1980 Tolerances on dimensions of tubes pins and rods of magnetic oxides	
Reviewed In: 2018 IEC	
220 (1966)	
129 IS 9654 : 1993 Information on ferrite materials to be supplied by manufacturers of transformers	and inductor
Reviewed In: 2019 IEC cores First Revision	
60401 (1993)	

Annexure-II :List of Indian Product Standards

SI. No.	IS No. & Year	Title
1	IS 10230 (Part 1): 1982	Specification for if and RF transformers inductors Coils and Part 1 general requirements and tests
	Reviewed In: 2020	
2	IS 10337 : 1982	32 768 Khz Quartz Crystal Units for Wrist Watches
	IEC 689	
	Reviewed In: 2018	
3	IS 10488 (Part 1): 1983	Specification for frame output transformers used with television picture tubes Part 1 general
	Reviewed In: 2020	requirements and tests
4	IS 10488 (Part 2): 1983	Specification for frame output transformers used with television picture tubes Part 2 type fot ih
	Reviewed In: 2020	for 470 510 590 and 610 mm television picture tubes
5	IS 11013 : 1984	Specification for piezoelectric ceramic elements Impact Type And Squeeze Type for gas lighters
	Reviewed In: 2018	
6	IS 11014 (Part 1): 1984	Specification for piezoelectric ceramic materials Part 1 general aspects and methods of
	Reviewed In: 2018	measurements
7	IS 11014 (Part 2): 1984	Specification for piezoelectric ceramic materials Part 2 types 1 and 5
	Reviewed In: 2018	
8	IS 11014 (Part 3): 1985	Specification for piezoelectric ceramic materials Part 3 types 4 and 8
	Reviewed In: 2018	
9	IS 11014 (Part 4): 1989	Specification for piezoelectric ceramic materials Part 4 type 5 H
	Reviewed In: 2018	
10	IS 11455 (Part 1/Sec 1):	Outl4e dimlWyons of transformers and inductors for use in telecommunication and electronic

ı	1	
	1985	equipment Part 1 transformers and inibUctors using yei - Laminations Sec 1 un4ersal mounting
	Reviewed In: 2020 IEC	
	60852-1:1986	
11	IS 11455 (Part 1/Sec 2):	Outline dimensions of transformers and inductors for use in telecommunicalIon and electronic
	1986	equipment Part 1 transformers and inuuctors using yei - Laminations Sec 2 u - Clamp mounting
	Reviewed In: 2020 IEC	
	60852-1:1986	
12	IS 11455 (Part 1/Sec 3):	Outline dimensions of transformers and inductors for use in telecommunication and electronic
	1985	equipment Part 1 transformers and inductors using yei - Laminations Sec 3 printed wiring board
	Reviewed In: 2020 IEC	mounting
	60852-1:1986	
13	IS 11455 (Part 2): 1988	Outline dimensions of transformers and inductors for use in telecommunication and electronic
	Reviewed In: 2020 IEC	equipment Part 2 transformers and inductors using yex - 2 laminations for printed circuit board
	60852 -2 (1992)	mounting
14	IS 11455 (Part 3): 2001	Outline dimensions of transformers and inductors for use in telecommunication and electronic
	IEC 60852-3(1992)	equipment Part 3 transformers and inductors using yui - I laminations First Revision
	Reviewed In: 2020 IEC	
	60852-3(1992)	
15	IS 11455 (Part 4) : 1992	Outline dimensions of transformers and inductors for use in telecommunication and electronic
	Reviewed In: 2020 IEC	equipment Part 4 transformers and inductors using Q - Series of c - Cores
	60852-5 (1994)	equipment rate + transformers and inductors using & series of e cores
16	IS 11514 : 1985	Specification for plezoelectric ceramic cartridge for impact type electronic gas lighters
10	Reviewed In : 2020	Specification for piezoelectric ceranic cartridge for impact type electronic gas righters
17	IS 11519 : 1985	Specification for piezoelectric ceramic cartridge for squeeze type electronic gas lighters
1 17	Reviewed In : 2018	specification for piezoelectric cerainic cartriage for squeeze type electronic gas righters
18	IS 11880 : 1986	Specification for piezoelectric ceramic trilaminate elements used in phonograph pick - Ups
10		
10	Reviewed In : 2019 IS 12825 : 1989	ultrasonic transducers and similar devices
19		Piezoelectric ceramic elements for electronic buzzers - Specification
20	Reviewed In : 2018	I
20	IS 13412 (Part 1): 1992	Laminated core packages for transformers and inductors used in telecommunication and electronic
	Reviewed In: 2021 IEC	equipment Part 1 dimensions
	1021-1 (1990)	
21	IS 13412 (Part 2): 1998	Specification for laminated corepackages for transformers and inductors used in telecommunication
	Reviewed In: 2018 IEC	andelectronicequipment Part 2 electrical characteristics
	1021-2 (1995)	
22	IS 13413 (Part 1): 2023	Transformers and inductors for use in telecommunication and electronic equipment - Main
	IEC 61797-1: 1996	dimensions of coil formers - Part 1 Coil formers for laminated cores
23	IS 14870 : 2000	Transformers and inductors for use in electronic and telecommunication equipment - Measuring
	Reviewed In: 2020 IEC	methods and test procedures
	61007:1994	
24	IS 15544 : 2004	Guide to the measurement of equivalent electrical parameters of quartz crystal units
	IEC 61080: 1991	
	Reviewed In: 2022 IEC	
	61080: 1991	
25	IS/QC 260000 : 2000	Transformers and inductors for use in electronic and telecommunication equipment Part 1 generic
	Reviewed In: 2020 IECQC	specification
	260000(1996)	
26	IS/QC 260100 : 1998	Transformers and inductors for use in electronic and telecommunication equipment Part 2 Secal
	Reviewed In: 2020 IECQC	specification for signal transformers on the basis of capABility approval procedure
	260100 (1996)	
27	IS/QC 260200 : 1999	Transformers and inductors for use in electronic and telecommunication equipment Part 3 Secal
	Reviewed In: 2020 IECQC	specification for power transformers on the basis of capABility approval procedure
	260200(1996)	
28	IS/QC 260300 : 2000	Transformers and inductors for use in electronic and telecommunication equipment Part 4 Secal
	Reviewed In: 2020 IECQC	* *
	260300 (1996)	capABility approval procedure
29	IS/QC 260400 : 2000	Transformers and inductors for use in electronic and telecommunication equipment Part 5 Secal
	Reviewed In: 2020 IECQC	• • • • • • • • • • • • • • • • • • •
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33 IS/IEC 60122-3 : 2010 IEC 60122-3:2010 34 IS/IEC 60122-4 : 2019 Quartz Company Is/IEC 60122-4 : 2019 35 IS/IEC 60368-2-1) : 1988 Piezoelectric for IEC 60368-2-1:1988 36 IS/IEC 60368-2-2) : 1996 Piezoelectric for IEC 60368-2-2: 1996 37 IS/IEC 60401-3 : 2015 Terms and format of Is/IEC 60401-3:2015 format of Is/IEC 60444-9 : 2022 Is/IEC 60444-9:2007 38 IS/IEC 60444-9:2007 39 IS/IEC 60556 : 2016 Gyromagnetic IEC 60556:2006 40 IS/IEC 60740-1 : 2005 LAMINATION	AND LEAD CONNECTIONS nartz crystal units of assessed quality Part 4 Crystal units with thermistors c filters Part 2 Guide to the use of piezoelectric filters Section One Quartz crystal filters filters Part 2 Guide to the use of piezoelectric filters Section 2 Piezoelectric ceramin filters nomenclature for cores made of magnetically soft ferrites Part 3 Guidelines on the data appearing in manufacturers catalogues of transformer and inductor cores nt of quartz crystal unit parameters Part 9 Measurement of spurious resonances of piezoelectric crystal units materials intended for application at microwave frequencies Measuring methods for
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34 IS/IEC 60122-4 : 2019 IS/IEC 60122-4:2019 35 IS/IEC 60368-2-1) : 1988 IEC 60368-2-1:1988 36 IS/IEC 60368-2-2) : 1996 IEC 60368-2-2: 1996 37 IS/IEC 60401-3 : 2015 IS/IEC 60401-3:2015 IS/IEC 60444-9 : 2022 IS/IEC 60444-9:2007 39 IS/IEC 60556 : 2016 IEC 60556:2006 40 IS/IEC 60740-1 : 2005 LAMINATIO	c filters Part 2 Guide to the use of piezoelectric filters Section One Quartz crystal filters filters Part 2 Guide to the use of piezoelectric filters Section 2 Piezoelectric ceramin filters filters Part 2 Guide to the use of piezoelectric filters Section 2 Piezoelectric ceramin filters filters Part 3 Guidelines on the data appearing in manufacturers catalogues of transformer and inductor cores and of quartz crystal unit parameters Part 9 Measurement of spurious resonances of piezoelectric crystal units materials intended for application at microwave frequencies Measuring methods for
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35 IS/IEC 60368-2-1): 1988 Piezoelectri IEC 60368-2-1:1988 36 IS/IEC 60368-2-2): 1996 Piezoelectric f IEC 60368-2-2: 1996 37 IS/IEC 60401-3: 2015 Terms and r IS/IEC 60401-3:2015 format of 38 IS/IEC 60444-9: 2022 Measurement IS/IEC 60444-9: 2007 39 IS/IEC 60556: 2016 Gyromagnetic IEC 60556: 2006 40 IS/IEC 60740-1: 2005 LAMINATION	filters Filters Part 2 Guide to the use of piezoelectric filters Section 2 Piezoelectric ceraminal filters nomenclature for cores made of magnetically soft ferrites Part 3 Guidelines on the data appearing in manufacturers catalogues of transformer and inductor cores not of quartz crystal unit parameters Part 9 Measurement of spurious resonances of piezoelectric crystal units materials intended for application at microwave frequencies Measuring methods for
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36 IS/IEC 60368-2-2): 1996 Piezoelectric f IEC 60368-2-2: 1996 Piezoelectric f IEC 60368-2-2: 1996 37 IS/IEC 60401-3: 2015 Terms and r IS/IEC 60401-3:2015 format of 38 IS/IEC 60444-9: 2022 Measurement IS/IEC 60444-9:2007 39 IS/IEC 60556: 2016 Gyromagnetic IEC 60556:2006 LAMINATIO	Filters Part 2 Guide to the use of piezoelectric filters Section 2 Piezoelectric ceramin filters nomenclature for cores made of magnetically soft ferrites Part 3 Guidelines on the fata appearing in manufacturers catalogues of transformer and inductor cores and of quartz crystal unit parameters Part 9 Measurement of spurious resonances of piezoelectric crystal units materials intended for application at microwave frequencies Measuring methods for
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	ONS FOR TRANSFORMERS AND INDUCTORS PART 1 MECHANICAL AND
IEC 60740-1:2005	ELECTRICAL CHARACTERISTICS
Reviewed In:	
2022 IS/ISO/IEC TR	
24368:2022	
41 IS 6077 (Part 1): 1998 Specificat	tion for permanent magnets Part 1 general requirements and tests First Revision
Reviewed In: 2020	
	e acoustic wave SAW filters of assessed quality Part 1 Generic specification
IS/IEC 60862-1: 2015	1 · · · · · · · · · · · · · · · · · · ·
15,120 00002 1. 2013	
43 IS/IEC 60862-2 : 2002 Surf	face acoustic wave SAW filters of assessed quality Part 2 guidance on use
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60862-2: 2002	CAWACIA C. L. IV. D. C. L. L. V.
	ace acoustic wave SAW filters of assessed quality Part 3 standard outlines
Reviewed In: 2021 IEC	
60862-3: 2003	
45 IS 6133 (Part 1): 1971 Specification	for piezo - Electric filters for use in telecommunication and measuring equipment
Reviewed In: 2021	Part 1 general requirements and tests
46 IS/IEC 62044-1 : 2002 Cores ma	ade of soft magnetic materials Measuring methods Part 1 Generic specification
IS/IEC 62044-1:2002	- -
47 IS/IEC 62044-2 : 2005 Cores made	of soft magnetic materials Measuring methods Part 2 Magnetic properties at low
IS/IEC 62044-2:2005 Cores made	excitation level
15/1LC 020 11- 2.2003	CACITATION ICVO
40 10/10/20044 2 2000 C	of soft magnetic materials Magnetic mode de Dout 235 de de de 1111
	of soft magnetic materials Measuring methods Part 3 Magnetic properties at high
IS/IEC 62044-3:2000	excitation level

49	IS 6297 (Part 1): 1971	Specification for transformers and inductors Power Audio Pulse And Switching for electronic
	Reviewed In: 2020	equipment Part 1 general requirements and tests
50	IS 6297 (Part 2): 1973	Specification for transformers and inductors Power Audio Pulse And Switching for electronic
	Reviewed In: 2020	equipment Part 2 power transformers
51	IS 6297 (Part 3): 1974	Specification for transformers and inductors Power Audio Pulse And Switching for electronic
	Reviewed In: 2020	equipment Part 3 audio frequency transformers and chokes
52	IS 6297 (Part 4): 1974	Specification for transformers and inductors Power Audio Pulse And Switching for electronic
	Reviewed In: 2020	equipment Part 4 pulse and switching transformers
53	IS/IEC 63093-1 : 2020	Ferrite cores Guidelines on dimensions and the limits of surface irregularities Part 1 General
	IEC 63093: Part 1:2020	specification
	120 03093.1 art 1:2020	specification
54	IS/IEC 63093-4 : 2019	Ferrite cores Guidelines on dimensions and the limits of surface irregularities Part 4 RM-cores
	IS/IEC 63093-4:2019	Territe cores outdernies on dimensions and the mints of surface irregularities fair (120) cores
	15/1LC 05075-4.2017	
55	IS/IEC 63093-5 : 2018	FERRITE CORES GUIDELINES ON DIMENSIONS AND THE LIMITS OF SURFACE
	IEC 63093-5:2018	IRREGULARITIES PART 5 EP-CORES AND ASSOCIATED PARTS FOR USE IN
	ISO 6980-2 : 2022	INDUCTORS AND TRANSFORMERS
5.0		
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