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Capacitors. Terms and definitions

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() :	-
[52002—2003. 111)	

capacitor

2

:	
[52002—2003. 37]	

dielectric

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: , -
-

dielectric absorption
of a capacitor

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:

- discharge of a capacitor

5

: , -

- charging of a capacitor

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6	:	,	-	charge of a capacitor
7	:	,	-	fixed capacitor
8	:	,		variable capacitor
9	:	,	-	trimmer capacitor, pre-set capacitor: - tuning capacitor
10	:	-		capacitor network
11	:	,	-	general-purpose grade capacitor
12	:	,	-	capacitor for special applications
13	:	,		pulse capacitor
14	:	,	-	interference suppression capacitor
15	X:			class X interference suppression capacitor
16	Y:			class Y interference suppression capacitor
17	:	,	-	feed-through capacitor
18	:	,	-	reference capacitor
19	:	,		coaxial feed-through capacitor
20	:	,	-	non-coaxial feed-through capacitor

21	:	,	*	internally fused capacitor
22	:		-	ceramic capacitor
23	:	,		thin-film capacitor
24	:	,	-	electrolytic capacitor
25	-	{	-	capacitor with porous anode
26		,		metal foil capacitor
[IEC 60050-436—2014.	436-03-10)		
27	-	:	-	electrolytic capacitor with non-solid electrolyte
28	-	:	-	solid-electrolyte capacitor
29		{):	electric double layer capacitor
30	:	,		air capacitor
31	:	,		vacuum capacitor
32	:	,	-	linear capacitor
33	:	,	-	nonlinear capacitor
34	:	,	-	varicond
35	:		-	film capacitor

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36): , . — , .	(- - mixed dielectric capacitor; composite capacitor
37	: , .	- metallized capacitor
38	(IEC 60050-436—2014. 436-03-11] {	- multilayer capacitor
39	>: , .	- hermetically sealed capacitor
40	: , .	- sealed capacitor
41	: , .	- protected capacitor
42	: , .	- unshielded capacitor
43	: , .	- insulated capacitor
44	: , .	- non-insulated capacitor
45	: , .	- surface mount capacitor
46	: , .	- polar capacitor
47	: , .	- non-polar capacitor
48	(.):	- electrode of a capacitor
49	: , .	- termination of a capacitor

50	:	*	reference lead of
	,	*	reference capacitor
		*	
51	[] :	,	self-locking termination
	[]	-	
52	:	-	anode of a capacitor
53	:	-	cathode of a capacitor
54	:	-	self-discharge
		-	of a capacitor
		-	
55	:	-	self-healing of a capacitor
		-	
56	:	-	main resonant frequency
			of a capacitor
57	:		capacitance of a capacitor
()	:		
[52002—2003. 112]	:		
58	:	-	minimum capacitance
		-	of a capacitor
59	:	-	maximum capacitance
		-	of a capacitor
60	:	-	rated capacitance
			of a capacitor
61	:		capacitance tolerance
			of a capacitor
		-	
		-	

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62	:	-	rated voltage
		-	of
		-	capacitor
63	:	-	rated current
		-	of a feed-through
		-	capacitor
64	:	-	test voltage of a capacitor
65	:	-	tangent of loss angle
		-	of a capacitor
66	:	-	quality factor
		-	of a capacitor
67	:		charging current
			of a capacitor
(IEC 60050*436—2014. 436-01-09]			
68	:		discharge current
			of a capacitor
(IEC 60050-436—2014. 436-01-11]			
69	:		leakage current
			of a capacitor
70	:	-	insulation resistance
		-	of a capacitor
71	:	-	time constant
		-	of a capacitor
72	(-	inductance of a capacitor
)		-	
73	(-	impedance of a capacitor
)			
74	:	-	equivalent series
	:	-	resistance of a capacitor:
			ESR

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