

Shenzhen DXM Technology Co., Ltd

Metal Oxid Varistor

Varistor for surge protection-05D series



Specification&Part no.

N(Standard) Series

Diameter:5mm

Item	Part No.	Max Allowable Voltage		Max Clamping Voltage	Varistor Voltage	Energy 10/1000μS (J)	Withstanding Surge Current 8/20μS (A)		Rated Power (W)
		ACrms(V)	DC(V)	at 5A (V)	at 0.1mA (V)		1 time	2 times	
1	05D751K	460	615	1240	750(675-825)	22.4	400.0	200.0	0.10
2	05D681K	420	560	1120	680(612-748)	21.0			
3	05D621K	385	505	1025	620(558-682)	21.0			
4	05D561K	350	460	920	560(504-616)	19.6			
5	05D511K	320	415	845	510(459-561)	19.6			
6	05D471K	300	385	775	470(423-517)	18.2			
7	05D431K	275	350	710	430(387-473)	16.8			
8	05D391K	250	320	650	390(351-429)	15.4			
9	05D361K	230	300	595	360(324-396)	14.0			
10	05D331K	210	275	550	330(297-363)	14.0			
11	05D301K	190	250	505	300(270-330)	11.8			
12	05D271K	175	225	455	270(243-297)	10.5			
13	05D251K	160	205	415	250(225-275)	10.0			
14	05D241K	150	200	395	240(216-264)	9.8			
15	05D221K	140	180	360	220(198-242)	8.8			
16	05D201K	130	170	330	200(185-225)	7.7			
17	05D181K	115	150	300	180(162-198)	5.6			
18	05D151K	95	125	250	150(135-165)	4.2			
19	05D121K	75	100	200	120(108-132)	4.2			
20	05D101K	60	85	165	100(90-110)	2.8			
21	05D820K	50.0	65.0	135	82(74-90)	2.8			
22	05D680K	40	56	135	68(61-75)	1.8			
23	05D560K	35	45	110	56(50-62)	1.5			
24	05D470K	30	38	93	47(42-52)	1.4			
25	05D390K	25	31	77	39(35-43)	1.1			
26	05D330K	20	26	65	33(30-36)	0.8			
27	05D270K	17	22	53	27(24-30)	0.7			
28	05D220K	14	18	43	22(20-24)	0.6			
29	05D180L	10	14	38	18(15-21)	0.4			

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Varistor for surge protection-05D series



Specification&Part no.

J(High Surge&High Energy) Series

Diameter:5mm

Item	Part No.	Max Allowable Voltage		Max Clamping Voltage	Varistor Voltage	Energy 10/1000µS (J)	Withstanding Surge Current 8/20µS (A)		Rated Power (W)
		ACrms(V)	DC(V)	at 5A (V)	at 0.1mA (V)		1 time	2 times	
1	05D751K	460	615	1240	750(675-825)	32.0	800.0	600.0	0.10
2	05D681K	420	560	1120	680(612-748)	29.0			
3	05D621K	385	505	1025	620(558-682)	25.0			
4	05D561K	350	460	920	560(504-616)	23.0			
5	05D511K	320	415	845	510(459-561)	21.0			
6	05D471K	300	385	775	470(423-517)	21.0			
7	05D431K	275	350	710	430(387-473)	20.0			
8	05D391K	250	320	650	390(351-429)	17.0			
9	05D361K	230	300	595	360(324-396)	16.0			
10	05D331K	210	275	550	330(297-363)	14.5			
11	05D301K	190	250	505	300(270-330)	14.0			
12	05D271K	175	225	455	270(243-297)	13.0			
13	05D241K	150	200	395	240(216-264)	11.0			
14	05D221K	140	180	360	220(198-242)	9.0			
15	05D201K	130	170	330	200(185-225)	9.0			
16	05D181K	115	150	300	180(162-198)	8.0			
17	05D151K	95	125	250	150(135-165)	7.0			
18	05D121K	75	100	200	120(108-132)	5.0			
19	05D101K	60	85	165	100(90-110)	4.0			
20	05D820K	50.0	65.0	135	82(74-90)	4.0			
21	05D680K	40	56	135	68(61-75)	2.2	250.0	125.0	0.01
22	05D560K	35	45	110	56(50-62)	1.8			
23	05D470K	30	38	93	47(42-52)	1.5			
24	05D390K	25	31	77	39(35-43)	1.2			
25	05D330K	20	26	65	33(30-36)	1.1			
26	05D270K	17	22	53	27(24-30)	0.9			
27	05D220K	14	18	43	22(20-24)	0.7			
28	05D180L	10	14	38	18(15-21)	0.6			