

MOV Metal Oxide Varistor

Surge varistor for surge protection-25D series

MOV Varistor Datasheet



N(Standard) Series

Element Disc Diameter:25mm

Item	Part No.	Max Allowable Voltage		Max Varistor Clamping Voltage		MOV Metal Oxide Varistor Voltage	Energie 10/1000µS (J)	Withstanding Surge Current 8/20µS (A)	Rated Power (W)
		ACrms(V)	DC(V)	VC (V)	IP (A)	at 1mA (V)			
1	25D162K	1000	1280	2640	150	1600(1400-1760)	805.0	18000	1.20
2	25D142K	880	1140	2310		1200(1200-1540)	697.0		
3	25D122K	750	990	1980		1200(1080-1320)	631.0		
4	25D112K	680	895	1815		1100(990-1210)	620.0		
5	25D102K	625	825	1650		1000(900-1100)	565.0		
6	25D911K	550	745	1500		910(819-1001)	510.0		
7	25D821K	510	670	1355		820(738-902)	460.0		
8	25D781K	485	640	1290		780(702-858)	440.0		
9	25D751K	460	615	1240		750(675-825)	420.0		
10	25D681K	420	560	1120		680(612-748)	380.0		
11	25D621K	385	505	1025		620(558-682)	380.0		
12	25D561K	350	460	920		560(504-616)	380.0		
13	25D511K	320	415	845		510(459-561)	382.0		
14	25D471K	300	385	775		470(423-517)	350.0		
15	25D431K	275	350	710		430(387-473)	305.0		
16	25D391K	250	320	650		390(351-429)	275.0		
17	25D361K	230	300	595		360(324-396)	255.0		
18	25D331K	210	275	550		330(297-363)	228.0		
19	25D301K	190	250	505		300(270-330)	210.0		
20	25D271K	175	225	455		270(243-297)	190.0		
21	25D241K	150	200	395		240(216-264)	168.0		
22	25D221K	140	180	360		220(198-242)	155.0		
23	25D201K	130	170	330		200(185-225)	140.0		
24	25D181K	115	150	300		180(162-198)	130.0		
25	25D151K	90	125	250		150(135-165)	106.0		
26	25D121K	75	100	200		120(108-132)	85.0		
27	25D101K	60	85	165		100(90-110)	70.0		
28	25D820K	50	65	135		82(74-90)	56.0		
29	25D680K	40	56	135	30	68(61-75)	49.0	4500	0.25
30	25D560K	35	45	110		65(50-62)	41.0		
31	25D470K	30	38	93		47(42-52)	34.0		
32	25D390K	25	31	77		39(35-43)	28.0		
33	25D330K	20	26	65		33(30-36)	24.0		
34	25D270K	17	22	53		27(24-30)	19.0		
35	25D220K	14	18	43		22(20-24)	16.0		
36	25D180L	10	14	38		18(15-21)	13.0		

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Surge varistor for surge protection-25D series

Specification&Part no.



J(High Surge&High Energy) Series

Element Disc Diameter:25mm

Item	Part No.	Max Allowable Voltage		Max Clamping Voltage		Varistor Voltage	Energy 10/1000µS	Withstanding Surge Current 8/20µS	Rated Power
		ACrms(V)	DC(V)	VC(V)	IP(A)	at 1mA (V)	(J)	(A)	(W)
1	25D162K	1000	1280	2640	150	1600(1400-1760)	970.0	15000	1.20
2	25D142K	880	1140	2310		1200(1200-1540)	850.0		
3	25D122K	750	990	1980		1200(1080-1320)	770.0		
4	25D112K	680	895	1815		1100(990-1210)	770.0		
5	25D102K	625	825	1650		1000(900-1100)	685.0		
6	25D911K	550	745	1500		910(819-1001)	620.0		
7	25D821K	510	670	1355		820(738-902)	570.0		
8	25D781K	485	640	1290		780(702-858)	530.0		
9	25D751K	460	615	1240		750(675-825)	510.0		
10	25D681K	420	560	1120		680(612-748)	460.0		
11	25D621K	385	505	1025		620(558-682)	450.0		
12	25D561K	350	460	920		560(504-616)	440.0		
13	25D511K	320	415	845		510(459-561)	420.0		
14	25D471K	300	385	775		470(423-517)	400.0		
15	25D431K	275	350	710		430(387-473)	380.0		
16	25D391K	250	320	650		390(351-429)	360.0		
17	25D361K	230	300	595		360(324-396)	330.0		
18	25D331K	210	275	550		330(297-363)	300.0		
19	25D301K	190	250	505		300(270-330)	275.0		
20	25D271K	175	225	455		270(243-297)	255.0		
21	25D241K	150	200	395		240(216-264)	220.0		
22	25D221K	140	180	360		220(198-242)	200.0		
23	25D201K	130	170	330		200(185-225)	190.0		
24	25D181K	115	150	300		180(162-198)	175.0		
25	25D151K	90	125	250		150(135-165)	160.0		
26	25D121K	75	100	200		120(108-132)	120.0		
27	25D101K	60	85	165		100(90-110)	100.0		
28	25D820K	50	65	135		82(74-90)	80.0		
29	25D680K	40	56	135	30	68(61-75)	70.0	3000	0.25
30	25D560K	35	45	110		65(50-62)	60.0		
31	25D470K	30	38	93		47(42-52)	50.0		
32	25D390K	25	31	77		39(35-43)	40.0		
33	25D330K	20	26	65		33(30-36)	35.0		
34	25D270K	17	22	53		27(24-30)	30.0		
35	25D220K	14	18	43		22(20-24)	25.0		
36	25D180L	10	14	38		18(15-21)	20.0		