

Metal-Oxide Varistors

surge suppressor varistor for surge protection-18D series



Specification&Part no.

N(Standard) Series

Element Disc Diameter:18mm

Item	Part No.	Max Allowable Voltage		Max Varistor Clamping Voltage		Metal-Oxide Varistors Voltage	Energe 10/1000µS	Withstanding Surge Current 8/20µS	Rated Power
		ACrms (V)	DC(V)	VC (V)	IP (A)	at 1mA (V)	(J)	(A)	(W)
1	18D112K	680	895	1815	75	1100(990-1210)	252.0	6500	0.80
2	18D102K	625	825	1650		1000(900-1100)	252.0		
3	18D911K	550	745	1500		910(819-1001)	252.0		
4	18D821K	510	670	1355		820(738-902)	238.0		
5	18D781K	485	640	1290		780(702-858)	238.0		
6	18D751K	460	615	1240		750(675-825)	238.0		
7	18D681K	420	560	1120		680(612-748)	203.0		
8	18D621K	385	505	1025		620(558-682)	203.0		
9	18D561K	350	460	920		560(504-616)	203.0		
10	18D511K	320	415	845		510(459-561)	182.0		
11	18D471K	300	385	775		470(423-517)	182.0		
12	18D431K	275	350	710		430(387-473)	175.0		
13	18D391K	250	320	650		390(351-429)	161.0		
14	18D361K	230	300	595		360(324-396)	152.0		
15	18D331K	210	275	550		330(297-363)	128.0		
16	18D301K	190	250	505		300(270-330)	122.0		
17	18D271K	175	225	455		270(243-297)	113.0		
18	18D241K	150	200	395		240(216-264)	100.0		
19	18D221K	140	180	360		220(198-242)	95.0		
20	18D201K	130	170	330		200(185-225)	91.0		
21	18D181K	115	150	300		180(162-198)	70.0		
22	18D151K	95	125	250		150(135-165)	60.0		
23	18D121K	75	100	200		120(108-132)	48.0		
24	18D101K	60	85	165		100(90-110)	41.0		
25	18D820K	50	65	135		82(74-90)	33.5		
26	18D680K	40	56	135	15	68(61-75)	27.0	1500	0.15
27	18D560K	35	45	110		65(50-62)	23.0		
28	18D470K	30	38	93		47(42-52)	19.2		
29	18D390K	25	31	77		39(35-43)	14.4		
30	18D330K	20	26	65		33(30-36)	13.2		
31	18D270K	17	22	53		27(24-30)	10.8		
32	18D220K	14	18	43		22(20-24)	9.0		
33	18D180L	10	14	38		18(15-21)	7.2		

Metal-Oxide Varistors

surge suppressor varistor for surge protection-18D series



Specification&Part no.

J(High Surge&High Energy) Series

Element Disc Diameter:18mm

Item	Part No.	Max Allowable		Max Clamping Voltage	IP	Varistor Voltage	Energie 10/1000µS (J)	Withstanding Surge Current (A)	Rated Power (W)
		ACrms (V)	DC(V)	VC (V)		at 1mA (V)			
1	18D112K	680	895	1815	75	1100(990-1210)	495.0	8000	0.80
2	18D102K	625	825	1650		1000(900-1100)	445.0		
3	18D911K	550	745	1500		910(819-1001)	405.0		
4	18D821K	510	670	1355		820(738-902)	375.0		
5	18D781K	485	640	1290		780(702-858)	350.0		
6	18D751K	460	615	1240		750(675-825)	335.0		
7	18D681K	420	560	1120		680(612-748)	320.0		
8	18D621K	385	505	1025		620(558-682)	310.0		
9	18D561K	350	460	920		560(504-616)	310.0		
10	18D511K	320	415	845		510(459-561)	300.0		
11	18D471K	300	385	775		470(423-517)	280.0		
12	18D431K	275	350	710		430(387-473)	248.0		
13	18D391K	250	320	650		390(351-429)	224.0		
14	18D361K	230	300	595		360(324-396)	208.0		
15	18D331K	210	275	550		330(297-363)	185.0		
16	18D301K	190	250	505		300(270-330)	173.0		
17	18D271K	175	225	455		270(243-297)	158.0		
18	18D241K	150	200	395		240(216-264)	134.0		
19	18D221K	140	180	360		220(198-242)	125.0		
20	18D201K	130	170	330		200(185-225)	102.0		
21	18D181K	115	150	300		180(162-198)	96.0		
22	18D151K	95	125	250		150(135-165)	85.0		
23	18D121K	75	100	200		120(108-132)	64.0		
24	18D101K	60	85	165		100(90-110)	53.0		
25	18D820K	50	65	135		82(74-90)	43.0		
26	18D680K	40	56	135	68(61-75)	41.0			
27	18D560K	35	45	110	65(50-62)	32.0			
28	18D470K	30	38	93	47(42-52)	27.0			
29	18D390K	25	31	77	39(35-43)	21.0			
30	18D330K	20	26	65	33(30-36)	19.0			
31	18D270K	17	22	53	27(24-30)	16.0			
32	18D220K	14	18	43	22(20-24)	13.0			
33	18D180L	10	14	38	18(15-21)	11.0			