

Shenzhen DXM Technology Co., Ltd Metal-Oxide Varistors



MOV Varistor for surge protection-14D series

Specification&Part no.

N(Standard) Series

Element Disc Diameter:14mm

Item	Part No.	Max Allowable Voltage		Max Varistor Clamping Voltage	Metal-Oxide Varistors Voltage	Energy 10/1000μS (J)	Withstanding Surge Current 8/20μS		Rated Power (W)
		ACrms(V)	DC(V)	at 50A	at 1mA		1 time (A)	2 times	
				(V)	(V)	(V)			
1	14D182K	1000	1465	2970	1800(1620-1980)	336.0	4500	2500	0.6
2	14D152K	900	1200	2475	1500(1350-1650)	266.0			
3	14D112K	680	895	1815	1100(990-1210)	217.0			
4	14D102K	625	825	1650	1000(900-1100)	217.0			
5	14D911K	550	745	1500	910(819-1001)	217.0			
6	14D821K	510	670	1355	820(738-902)	203.0			
7	14D781K	485	640	1290	780(702-858)	203.0			
8	14D751K	460	615	1240	750(675-825)	203.0			
9	14D681K	420	560	1120	680(612-748)	168.0			
10	14D621K	385	505	1025	620(558-682)	168.0			
11	14D561K	350	460	920	560(504-616)	150.0			
12	14D511K	320	415	845	510(459-561)	150.0			
13	14D471K	300	385	775	470(423-517)	150.0			
14	14D431K	275	350	710	430(387-473)	145.0			
15	14D391K	250	320	650	390(351-429)	135.0			
16	14D361K	230	300	595	360(324-396)	123.0			
17	14D331K	210	275	550	330(297-363)	112.0			
18	14D301K	190	250	505	300(270-330)	103.0			
19	14D271K	175	225	455	270(243-297)	94.0			
20	14D251K	160	205	415	250(225-275)	84.0			
21	14D241K	150	200	395	240(216-264)	82.0			
22	14D221K	140	180	360	220(198-242)	79.8			
23	14D201K	130	170	330	200(185-225)	79.8			
24	14D181K	115	150	300	180(162-198)	58.8			
25	14D151K	95	125	250	150(135-165)	51.8			
26	14D121K	75	100	200	120(108-132)	40.6			
27	14D101K	60	85	165	100(90-110)	33.6			
28	14D820K	50	65	135	82(74-90)	29.4			
29	14D680K	40	56	135	68(61-75)	23.8			
30	14D560K	35	45	110	65(50-62)	19.6			
31	14D470K	30	38	93	47(42-52)	16.8			
32	14D390K	25	31	77	39(35-43)	13.2			
33	14D330K	20	26	65	33(30-36)	12.3			
34	14D270K	17	22	53	27(24-30)	9.7			
35	14D220K	14	18	43	22(20-24)	7.6			
36	14D180L	10	14	38	18(15-21)	6.6			

Shenzhen DXM Technology Co., Ltd

Metal-Oxide Varistors



MOV Varistor for surge protection-14D series

Specification&Part no.

J(High Surge&High Energy) Series

Element Disc Diameter:14mm

Item	Part No.	Max Allowable Voltage		Max Varistor Clamping Voltage	Metal-Oxide Varistors Voltage	Energy 10/1000µS	Withstanding Surge Current 8/20µS		Rated Power (W)
		ACrms(V)	DC(V)	at 50A	at 1mA	(J)	1 time	2 times	
				(V)	(V)		(A)	(A)	
1	14D182K	1000	1465	2970	1800(1620-1980)	597.3	8000	6000	0.6
2	14D152K	900	1200	2475	1500(1350-1650)	472.9			
3	14D112K	680	895	1815	1100(990-1210)	385.8			
4	14D102K	625	825	1650	1000(900-1100)	385.8			
5	14D911K	550	745	1500	910(819-1001)	385.8			
6	14D821K	510	670	1355	820(738-902)	360.9			
7	14D781K	485	640	1290	780(702-858)	360.9			
8	14D751K	460	615	1240	750(675-825)	360.9			
9	14D681K	420	560	1120	680(612-748)	299.0			
10	14D621K	385	505	1025	620(558-682)	298.7			
11	14D561K	350	460	920	560(504-616)	266.7			
12	14D511K	320	415	845	510(459-561)	266.7			
13	14D471K	300	385	775	470(423-517)	266.7			
14	14D431K	275	350	710	430(387-473)	258.0			
15	14D391K	250	320	650	390(351-429)	240.0			
16	14D361K	230	300	595	360(324-396)	218.7			
17	14D331K	210	275	550	330(297-363)	199.1			
18	14D301K	190	250	505	300(270-330)	183.1			
19	14D271K	175	225	455	270(243-297)	167.1			
20	14D241K	150	200	395	240(216-264)	149.3			
21	14D221K	140	180	360	220(198-242)	145.8			
22	14D201K	130	170	330	200(185-225)	141.9			
23	14D181K	115	150	300	180(162-198)	141.9			
24	14D151K	95	125	250	150(135-165)	104.5			
25	14D121K	75	100	200	120(108-132)	92.1			
26	14D101K	60	85	165	100(90-110)	72.2			
27	14D820K	50	65	135	82(74-90)	59.7			
28	14D680K	40	56	135	68(61-75)	24.0			
29	14D560K	35	45	110	65(50-62)	20.0			
30	14D470K	30	38	93	47(42-52)	17.0			
31	14D390K	25	31	77	39(35-43)	14.2			
32	14D330K	20	26	65	33(30-36)	13.0			
33	14D270K	17	22	53	27(24-30)	10.8			
34	14D220K	14	18	43	22(20-24)	8.5			
35	14D180L	10	14	38	18(15-21)	7.6			
							2000	1000	0.1