

# Shenzhen DXM Technology Co., Ltd

**Metal Oxid Varistor**

Varistor for surge protection-07D series



## Specification&Part no.

N(Standard) Series

Element Diameter: 07mm

Item	Part No.	Max Allowable Voltage		Max Clamping Voltage	Varistor Voltage	Maximum Energy 10/1000µS	Withstanding Surge Current 8/20µS	Rated Power
		ACrms (V)	DC(V)	at 10A (V)	at 1mA (V)	Standard (J)	Standard I(A)	(W)
1	07D821K	510	670	1355	820(738-902)	69.2	1200	0.25
2	07D781K	485	640	1290	780(702-858)	67.0		
3	07D751K	460	615	1240	750(675-825)	65.0		
4	07D681K	420	560	1120	680(612-748)	40.6		
5	07D621K	385	505	1025	620(558-682)	39.6		
6	07D561K	350	460	920	560(504-616)	38.0		
7	07D511K	320	415	845	510(459-561)	37.0		
8	07D471K	300	385	775	470(423-517)	36.0		
9	07D431K	275	350	710	430(387-473)	33.4		
10	07D391K	250	320	650	390(351-429)	32.0		
11	07D361K	230	300	595	360(324-396)	32.0		
12	07D331K	210	275	550	330(297-363)	31.0		
13	07D301K	190	250	505	300(270-330)	30.0		
14	07D271K	175	225	455	270(243-297)	26.2		
15	07D251K	160	205	415	250(225-275)	24.0		
16	07D241K	150	200	395	240(216-264)	22.0		
17	07D221K	140	180	360	220(198-242)	22.0		
18	07D201K	130	170	330	200(185-225)	20.2		
19	07D181K	115	150	300	180(162-198)	13.2		
20	07D151K	95	125	250	150(135-165)	13.5		
21	07D121K	75.0	100.0	200	120(108-132)	8.8		
22	07D101K	60	85	165	100(90-110)	7.5		
23	07D820K	50	65	135	82(74-90)	6.5		
24	07D680K	40	56	135	68(61-75)	3.9		
25	07D560K	35	45	110	56(50-62)	3.3		
26	07D470K	30	38	93	47(42-52)	3.0		
27	07D390K	25	31	77	39(35-43)	2.3		
28	07D330K	20	26	65	33(30-36)	2.0		
29	07D270K	17	22	53	27(24-30)	1.8		
30	07D220K	14	18	43	22(20-24)	1.3		
31	07D180L	10	14	38	18(15-21)	1.0		
							250	0.02

# Shenzhen DXM Technology Co., Ltd

**Metal Oxid Varistor**

Varistor for surge protection-07D series



## Specification&Part no.

J(High Surge&High Energy) Series

Element Diameter: 07mm

Item	Part No.	Max Allowable Voltage		Max Clamping Voltage	Varistor Voltage	Energy 10/1000μS (J)	Withstanding Surge Current 8/20μS		Rated Power (W)
		ACrms(V)	DC(V)	at 10A	at 1mA		1 time	2 times	
				(V)	(V)				
1	07D821K	510	670	1355	820(738-902)	104	1800	864	0.25
2	07D751K	460	615	1240	750(675-825)	97			
3	07D681K	420	560	1120	680(612-748)	90			
4	07D621K	385	505	1025	620(558-682)	89			
5	07D621K	350	460	920	560(504-616)	84			
6	07D511K	320	415	845	510(459-561)	82			
7	07D471K	300	385	775	470(423-517)	81			
8	07D431K	275	350	710	430(387-473)	73			
9	07D391K	250	320	650	390(351-429)	67			
10	07D361K	230	300	595	360(324-396)	60			
11	07D331K	210	275	550	330(297-363)	54			
12	07D301K	190	250	505	300(270-330)	50			
13	07D271K	175	225	455	270(243-297)	46			
14	07D241K	150	200	395	240(216-264)	40			
15	07D221K	140	180	360	220(198-242)	40			
16	07D201K	130	170	330	200(185-225)	36			
17	07D181K	115	150	300	180(162-198)	26			
18	07D151K	95	125	250	150(135-165)	24			
19	07D121K	75.0	100.0	200	120(108-132)	20			
20	07D101K	60	85	165	100(90-110)	17			
21	07D820K	50	65	135	82(74-90)	14			
22	07D680K	40	56	135	68(61-75)	11			
23	07D560K	35	45	110	56(50-62)	9			
24	07D470K	30	38	93	47(42-52)	7			
25	07D390K	25	31	77	39(35-43)	6			
26	07D330K	20	26	65	33(30-36)	5			
27	07D270K	17	22	53	27(24-30)	4			
28	07D220K	14	18	43	22(20-24)	3			
29	07D180L	10	14	38	18(15-21)	3			