

Surge Suppressor Varistor

Surge varistor for surge protection-20D series

Specification&Part no.



N(Standard) Series

Element Disc Diameter:20mm

Item	Part No.	Max Allowable Voltage		Max Varistor Clamping Voltage	Surge Suppressor Varistor Voltage	Energy 10/1000µS (J)	Withstanding Surge Current 8/20µS (A)		Rated Power (W)
		ACrms(V)	DC(V)	at 100A (V)	at 1mA (V)		1 time	2 times	
1	20D182K	1000	1465	2970	1800(1620-1980)	560.0	6500	4000	1.0
2	20D152K	900	1200	2475	1500(1350-1650)	420.0			
3	20D112K	680	895	1815	1100(990-1210)	280.0			
4	20D102K	625	825	1650	1000(900-1100)	280.0			
5	20D911K	550	745	1500	910(819-1001)	280.0			
6	20D821K	510	670	1355	820(738-902)	266.0			
7	20D781K	485	640	1290	780(702-858)	266.0			
8	20D751K	460	615	1240	750(675-825)	266.0			
9	20D681K	420	560	1120	680(612-748)	224.0			
10	20D621K	385	505	1025	620(558-682)	224.0			
11	20D561K	350	460	920	560(504-616)	210.0			
12	20D511K	320	415	845	510(459-561)	210.0			
13	20D471K	300	385	775	470(423-517)	210.0			
14	20D431K	275	350	710	430(387-473)	196.0			
15	20D391K	250	320	650	390(351-429)	182.0			
16	20D361K	230	300	595	360(324-396)	168.0			
17	20D331K	210	275	550	330(297-363)	140.0			
18	20D301K	190	250	505	300(270-330)	133.0			
19	20D271K	175	225	455	270(243-297)	126.0			
20	20D251K	160	205	415	250(225-275)	116.0			
21	20D241K	150	200	395	240(216-264)	112.0			
22	20D221K	140	180	360	220(198-242)	105.0			
23	20D201K	130	170	330	200(185-225)	98.0			
24	20D181K	115	150	300	180(162-198)	84.0			
25	20D151K	95	125	250	150(135-165)	70.0			
26	20D121K	75	100	200	120(108-132)	56.0			
27	20D101K	60	85	165	100(90-110)	42.0			
28	20D820K	50	65	135	82(74-90)	37.8			
29	20D680K	40	56	135	68(61-75)	23.8			
30	20D560K	35	45	110	65(50-62)	19.6			
31	20D470K	30	38	93	47(42-52)	16.8			
32	20D390K	25	31	77	39(35-43)	13.2			
33	20D330K	20	26	65	33(30-36)	11.2			
34	20D270K	17	22	53	27(24-30)	9.1			
35	20D220K	14	18	43	22(20-24)	7.4			
36	20D180L	10	14	38	18(15-21)	6.1			
							2000	1000	0.2

Surge Suppressor Varistor

Surge varistor for surge protection-20D series

Specification&Part no.



J(High Surge&High Energy) Series

Element Disc Diameter:20mm

Item	Part No.	Max Allowable Voltage		Max Clamping Voltage	Varistor Voltage	Energy 10/1000µS (J)	Withstanding Surge Current		Rated Power (W)
		ACrms(V)	DC(V)	at 100A (V)	at 1mA (V)		1 time (A)	2 times	
1	20D182K	1000	1465	2970	1800(1620-1980)	860.0	10000	7000	1.0
2	20D152K	900	1200	2475	1500(1350-1650)	780.0			
3	20D112K	680	895	1815	1100(990-1210)	620.0			
4	20D102K	625	825	1650	1000(900-1100)	560.0			
5	20D911K	550	745	1500	910(819-1001)	510.0			
6	20D821K	510	670	1355	820(738-902)	460.0			
7	20D781K	485	640	1290	780(702-858)	421.0			
8	20D751K	460	615	1240	750(675-825)	420.0			
9	20D681K	420	560	1120	680(612-748)	382.0			
10	20D621K	385	505	1025	620(558-682)	381.0			
11	20D561K	350	460	920	560(504-616)	380.0			
12	20D511K	320	415	845	510(459-561)	380.0			
13	20D471K	300	385	775	470(423-517)	350.0			
14	20D431K	275	350	710	430(387-473)	305.0			
15	20D391K	250	320	650	390(351-429)	275.0			
16	20D361K	230	300	595	360(324-396)	255.0			
17	20D331K	210	275	550	330(297-363)	228.0			
18	20D301K	190	250	505	300(270-330)	210.0			
19	20D271K	175	225	455	270(243-297)	190.0			
20	20D241K	150	200	395	240(216-264)	168.0			
21	20D221K	140	180	360	220(198-242)	155.0			
22	20D201K	130	170	330	200(185-225)	140.0			
23	20D181K	115	150	300	180(162-198)	130.0			
24	20D151K	95	125	250	150(135-165)	106.0			
25	20D121K	75	100	200	120(108-132)	85.0			
26	20D101K	60	85	165	100(90-110)	70.0			
27	20D820K	50	65	135	82(74-90)	56.0			
28	20D680K	40	56	135	68(61-75)	49.0			
29	20D560K	35	45	110	65(50-62)	41.0			
30	20D470K	30	38	93	47(42-52)	34.0			
31	20D390K	25	31	77	39(35-43)	28.0			
32	20D330K	20	26	65	33(30-36)	24.0			
33	20D270K	17	22	53	27(24-30)	19.0			
34	20D220K	14	18	43	22(20-24)	16.0			
35	20D180L	10	14	38	18(15-21)	13.0			