



METAL OXIDE VARISTOR DISCS

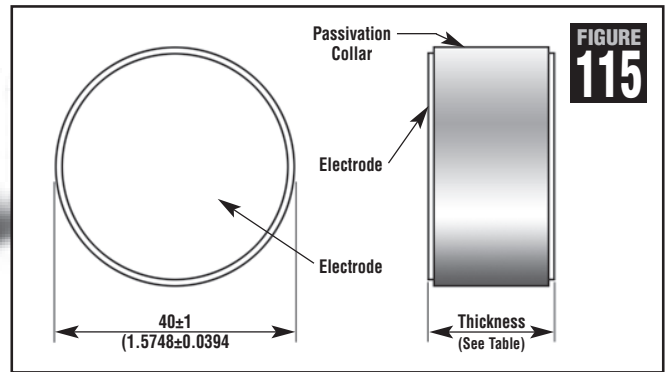


FIGURE 115

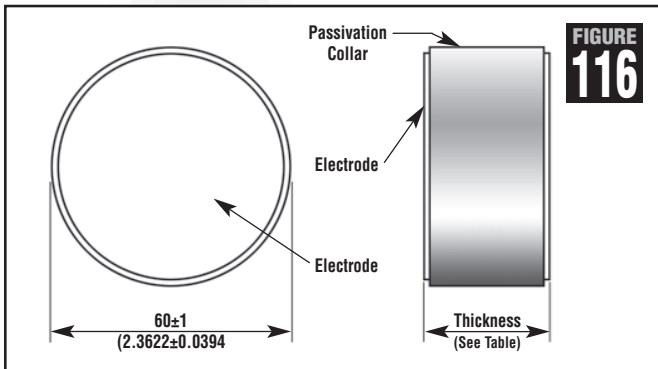


FIGURE 116

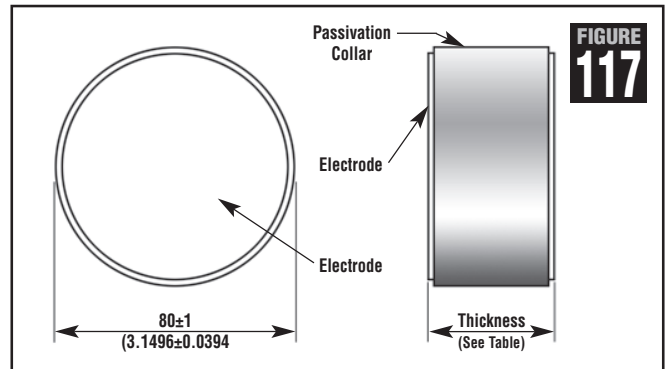


FIGURE 117

Part Number	Maximum Applied Voltage		Varistor Voltage @ 1mA _{DC}	Maximum Energy 2mS J	Maximum Clamping Voltage		Peak Current 8/20 μ S A	Typical Capacitance 1 kHz pF	Max. Thickness	
	AC _{RMS} V	DC V			V _c V	I _p A			Inches	mm
Z40BD Series - Bare Disc MOVs										
Z40BD201	130	170	205 (185-225)	310	40000	340	300	8400	0.0449	1.14
Z40BD241	150	200	240 (216-264)	360	40000	395	300	8000	0.0539	1.37
Z40BD271	175	225	270 (243-297)	390	40000	455	300	7600	0.0606	1.54
Z40BD331	210	275	330 (297-363)	460	40000	550	300	6700	0.0744	1.89
Z40BD361	230	300	360 (324-396)	475	40000	595	300	6200	0.0811	2.06
Z40BD391	250	320	390 (351-429)	490	40000	650	300	5100	0.0878	2.23
Z40BD431	275	350	430 (387-473)	550	40000	710	300	4900	0.0969	2.46
Z40BD471	300	385	470 (423-517)	600	40000	775	300	4300	0.1059	2.69
Z40BD511	320	415	510 (459-561)	640	40000	845	300	4200	0.1146	2.91
Z40BD621	385	505	620 (558-682)	720	40000	1025	300	3800	0.1394	3.54
Z40BD681	420	560	680 (612-748)	750	40000	1120	300	3500	0.1531	3.89
Z40BD751	460	615	750 (675-825)	780	40000	1240	300	3200	0.1689	4.29
Z40BD781	485	640	780 (702-858)	820	40000	1290	300	3000	0.1756	4.46
Z40BD821	510	670	820 (738-902)	900	40000	1355	300	2900	0.1846	4.69
Z40BD911	550	745	910 (819-1001)	960	40000	1500	300	2200	0.2047	5.20
Z40BD951	575	765	950 (855-1045)	1000	40000	1570	300	2000	0.2138	5.43
Z40BD102	625	825	1000 (900-1100)	1055	40000	1650	300	1800	0.2248	5.71
Z40BD112	680	895	1100 (990-1210)	1155	40000	1815	300	1600	0.2476	6.29
Z40BD122	750	970	1200 (1062-1300)	1200	40000	2100	300	1500	0.2701	6.86
Z40BD142	880	1150	1400 (1245-1520)	1300	40000	2290	300	1400	0.3150	8.00
Z40BD162	1000	1200	1600 (1414-1728)	1400	40000	2700	300	1300	0.3598	9.14

All devices listed are RoHS compliant.

BARE MOV DISCS – BD SERIES



Part Number	Maximum Applied Voltage		Varistor Voltage @ 1mA DC V	Maximum Energy 2mS J	Maximum Clamping Voltage		Peak Current 8/20µS A	Typical Capacitance 1 kHz pF	Maximum Thickness	
	AC _{RMS} V	DC V			V _c V	I _p A			T _{±0.0394} Inches	T _{±1} mm
Z60BD Series - Bare Disc MOVs										
										Figure 116
Z60BD391	250	320	390(351-429)	880	650	500	70000	9000	0.1142	2.9
Z60BD431	275	350	430(387-473)	950	710	500	70000	8500	0.1260	3.2
Z60BD471	300	350	470(423-517)	1000	775	500	70000	7600	0.1339	3.4
Z60BD511	320	415	510(459-561)	1100	845	500	70000	7000	0.1496	3.8
Z60BD621	385	505	620(558-682)	1200	1025	500	70000	6600	0.1811	4.6
Z60BD681	420	560	680(612-748)	1500	1120	500	70000	6200	0.1969	5.0
Z60BD751	460	615	750(675-825)	1650	1240	500	70000	5800	0.2047	5.2
Z60BD781	485	640	780(702-858)	1700	1290	500	70000	5500	0.2165	5.5
Z60BD821	510	670	820(738-902)	1800	1355	500	70000	5000	0.2402	6.1
Z60BD911	550	745	910(819-1001)	1900	1500	500	70000	4500	0.2520	6.4
Z60BD951	575	765	950(855-1045)	2100	1570	500	70000	4200	0.2638	6.7
Z60BD102	625	825	1000(900-1100)	2200	1650	500	70000	4000	0.2913	7.4
Z60BD112	680	895	1100(990-1210)	2300	1815	500	70000	3800	0.3150	8.0
Z60BD122	750	970	1200(1062-1300)	2600	2100	500	70000	3500	0.3701	9.4
Z60BD142	880	1150	1400(1245-1520)	3200	2290	500	70000	3000	0.4213	10.7
Z60BD162	1000	1200	1600(1414-1728)	3200	2700	500	70000	2500	0.4724	12.0
Z60BD182	1100	1400	1800(1620-2060)	3200	3030	500	70000	2200	0.5039	12.8
Z60BD222	1400	1750	2200(2020-2200)	5000	3580	500	70000	1800	0.6299	16.0
Z60BD272	1700	2150	2700(2500-3030)	6000	4400	500	70000	1500	0.7559	19.2
Z60BD332	2000	2500	3300(2970-3300)	7500	5375	500	70000	1200	0.9449	24.0
Z60BD392	2400	3000	3900(3510-4290)	8600	6360	500	70000	1000	1.1220	28.5
Z60BD472	2800	3500	4700(4230-5170)	10000	7665	500	70000	800	1.3465	34.2
Z80BD Series - Bare Disc MOVs										
										Figure 117
Z80BD431	275	350	430(387-473)	1400	710	800	100000	13000	0.1260	3.2
Z80BD471	300	385	470(423-517)	1500	775	800	100000	12000	0.1339	3.4
Z80BD511	320	415	510(459-561)	1600	845	800	100000	11000	0.1496	3.8
Z80BD621	385	505	620(558-682)	2000	1025	800	100000	9000	0.1811	4.6
Z80BD681	420	560	680(612-748)	2200	1120	800	100000	8500	0.1969	5
Z80BD751	460	615	750(675-825)	2500	1240	800	100000	7700	0.2047	5.2
Z80BD781	485	640	780(702-858)	2600	1290	800	100000	7200	0.2165	5.5
Z80BD821	510	670	820(738-902)	2800	1355	800	100000	6900	0.2402	6.1
Z80BD911	550	745	910(819-1001)	3100	1500	800	100000	6500	0.2520	6.4
Z80BD951	575	765	950(855-1045)	3300	1570	800	100000	6200	0.2638	6.7
Z80BD102	625	825	1000(900-1100)	3400	1650	800	100000	5800	0.2913	7.4
Z80BD112	680	895	1100(990-1210)	3600	1815	800	100000	5200	0.3150	8
Z80BD122	750	970	1200(1062-1300)	4000	2100	800	100000	4800	0.3701	9.4
Z80BD142	880	1150	1400(1245-1520)	5000	2290	800	100000	4000	0.4213	10.7
Z80BD162	1000	1200	1600(1414-1728)	6000	2700	800	100000	3200	0.4724	12
Z80BD182	1100	1400	1800(1620-2060)	7000	3030	800	100000	2900	0.5039	12.8

All devices listed are RoHS compliant.