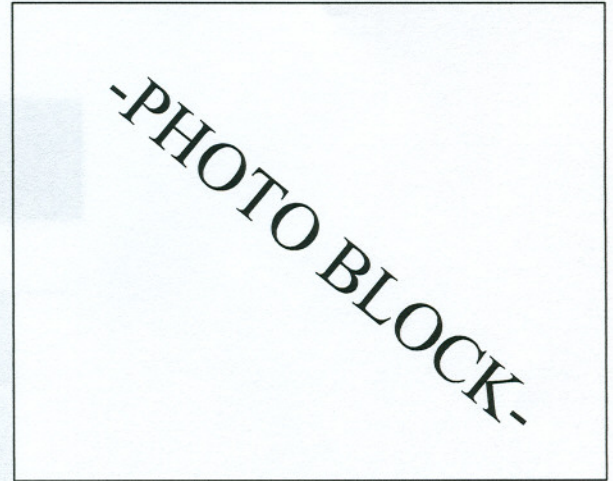
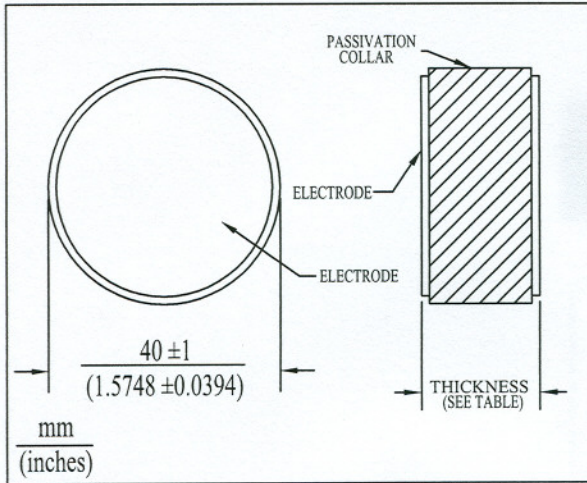




Z40BD SERIES

40mm BARE MOV DISKS

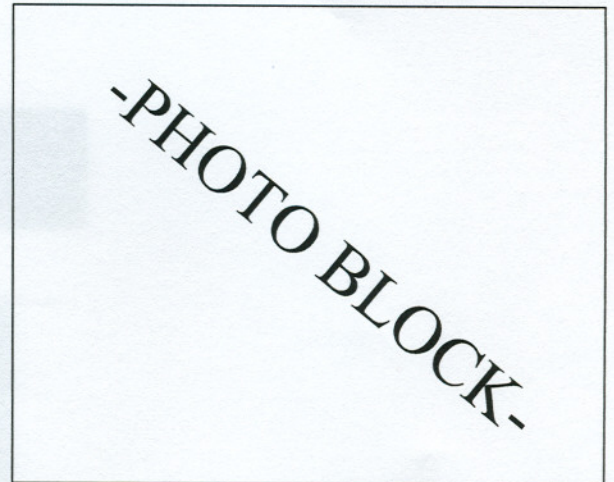
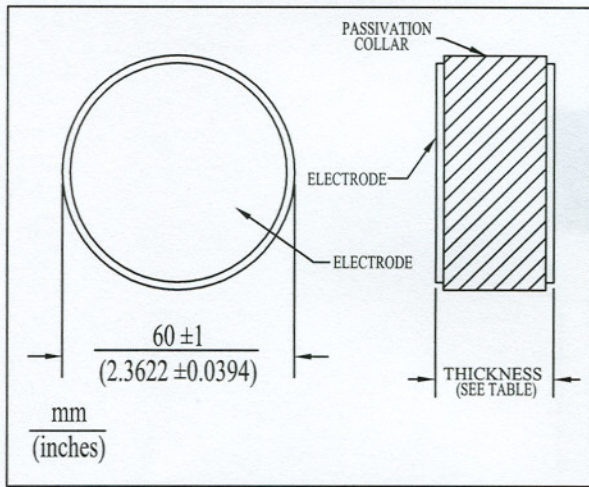


MODEL NUMBER	MAX ALLOWABLE VOLTAGE		VARISTOR VOLTAGE @ 1mA	CLAMPING VOLTAGE (MAX)		MAX PEAK CURRENT (8/20 μS)	MAX ENERGY (JOULES)	TYPICAL CAPACITANCE @1 KHZ	THICKNESS	
	AC _{RMS}	DC		V _C	I _P				T ±1	T ±0.0394
	(V)	(V)	V _{NOM} (V)	(V)	(A)	(A)	10/1000 μs	(pf)	(mm)	(inches)
Z40BD201	130	170	200(185-225)	340	250	40000	310	8400	1.140	0.0449
Z40BD241	150	200	240(216-264)	395	250	40000	360	8000	1.370	0.0539
Z40BD271	175	225	270(243-297)	455	250	40000	390	7600	1.540	0.0606
Z40BD331	210	275	330(297-363)	550	250	40000	460	6700	1.890	0.0744
Z40BD361	230	300	360(324-396)	595	250	40000	475	6200	2.060	0.0811
Z40BD391	250	320	390(351-429)	650	250	40000	490	5100	2.230	0.0878
Z40BD431	275	350	430(387-473)	710	250	40000	550	4900	2.460	0.0969
Z40BD471	300	385	470(423-517)	775	250	40000	600	4300	2.690	0.1059
Z40BD511	320	415	510(459-561)	845	250	40000	640	4200	2.910	0.1146
Z40BD621	385	505	620(558-682)	1025	250	40000	720	3800	3.540	0.1394
Z40BD681	420	560	680(612-748)	1120	250	40000	750	3500	3.890	0.1531
Z40BD751	460	615	750(675-825)	1240	250	40000	780	3200	4.290	0.1689
Z40BD781	485	640	780(702-858)	1290	250	40000	820	3000	4.460	0.1756
Z40BD821	510	670	820(738-902)	1355	250	40000	900	2900	4.690	0.1846
Z40BD911	550	745	910(819-1001)	1500	250	40000	960	2200	5.200	0.2047
Z40BD951	575	765	950(855-1045)	1570	250	40000	1000	2000	5.430	0.2138
Z40BD102	625	825	1000(900-1100)	1650	250	40000	1055	1800	5.710	0.2248
Z40BD112	680	895	1100(990-1210)	1815	250	40000	1155	1600	6.290	0.2476
Z40BD122	750	970	1200(1062-1300)	2100	250	40000	1200	1500	6.860	0.2701
Z40BD142	880	1150	1400(1245-1520)	2290	250	40000	1300	1400	8.000	0.3150
Z40BD162	1000	1200	1600(1414-1728)	2700	250	40000	1400	1300	9.140	0.3598



Z60BD SERIES

60mm BARE MOV DISKS

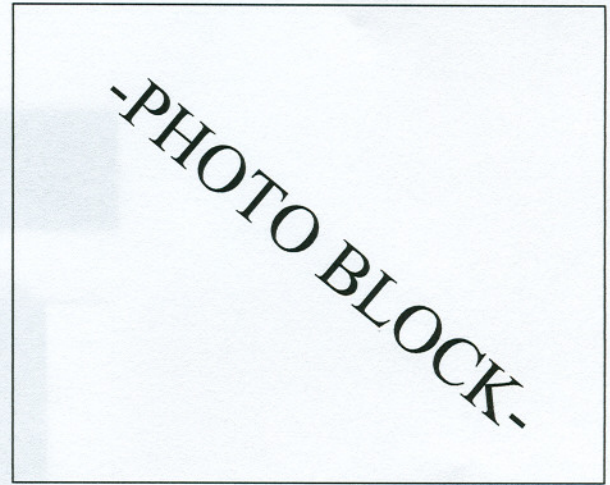
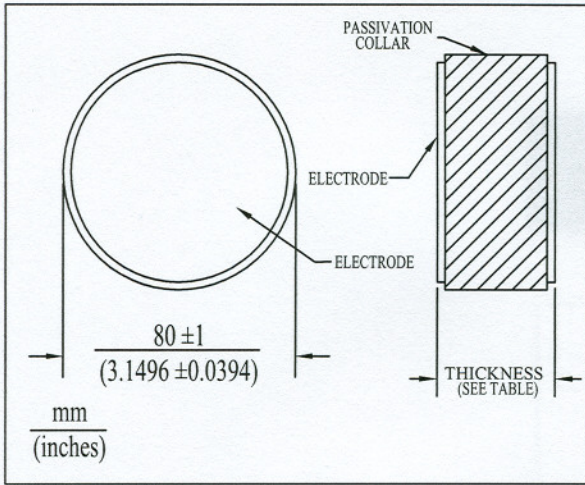


MODEL NUMBER	MAX ALLOWABLE VOLTAGE		VARISTOR VOLTAGE @1mA V _{NOM} (V)	CLAMPING VOLTAGE (MAX)		MAX PEAK CURRENT (8/20 μs) (A)	MAX ENERGY (JOULES) 2ms	TYPICAL CAPACITANCE (@ 1 KHZ) (pf)	THICKNESS	
	AC _{RMS} (V)	DC (V)		V _c (V)	I _p (A)				T ±1 (mm)	T ±0.0394 (inches)
	Z60BD391	250	320	390(351-429)	650	500	70000	880	9000	2.230
Z60BD431	275	350	430(387-473)	710	500	70000	950	8500	2.460	0.0969
Z60BD471	300	385	470(423-517)	775	500	70000	1000	7600	2.690	0.1059
Z60BD511	320	415	510(459-561)	845	500	70000	1100	7000	2.910	0.1146
Z60BD621	385	505	620(558-682)	1025	500	70000	1200	6600	3.540	0.1394
Z60BD681	420	560	680(612-748)	1120	500	70000	1500	6200	3.890	0.1531
Z60BD751	460	615	750(675-825)	1240	500	70000	1650	5800	4.290	0.1689
Z60BD781	485	640	780(702-858)	1290	500	70000	1700	5500	4.460	0.1756
Z60BD821	510	670	820(738-902)	1355	500	70000	1800	5000	4.690	0.1846
Z60BD911	550	745	910(819-1001)	1500	500	70000	1900	4500	5.200	0.2047
Z60BD951	575	765	950(855-1045)	1570	500	70000	2100	4200	5.430	0.2138
Z60BD102	625	825	1000(900-1100)	1650	500	70000	2200	4000	5.710	0.2248
Z60BD112	680	895	1100(990-1210)	1815	500	70000	2300	3800	6.290	0.2476
Z60BD122	750	970	1200(1062-1300)	2100	500	70000	2600	3500	6.860	0.2701
Z60BD142	880	1150	1400(1245-1520)	2290	500	70000	3200	3000	8.000	0.3145
Z60BD162	1000	1200	1600(1414-1728)	2700	500	70000	3200	2500	9.140	0.3598
Z60BD182	1100	1400	1800(1620-2060)	3030	500	70000	3200	2200	10.290	0.4051
Z60BD222	1400	1750	2200(2020-2200)	3580	500	70000	5000	1800	12.570	0.4949
Z60BD272	1700	2150	2700(2500-3030)	4400	500	70000	6000	1500	15.430	0.6075
Z60BD332	2000	2500	3300(2970-3300)	5375	500	70000	7500	1200	18.890	0.7437
Z60BD392	2400	3000	3900(3510-4290)	6360	500	70000	8600	1000	22.290	0.8776
Z60BD472	2800	3500	4700(4230-5170)	7665	500	70000	10000	800	26.890	1.0587



Z80BD SERIES

80mm BARE MOV DISKS



MODEL NUMBER	MAX ALLOWABLE VOLTAGE		VARISTOR VOLTAGE @1mA V_{NOM}	CLAMPING VOLTAGE (MAX)		MAX PEAK CURRENT (8/20 μ s) (A)	MAX ENERGY (JOULES) 2ms	TYPICAL CAPACITANCE (@ 1 KHZ) (pf)	THICKNESS	
	AC _{RMS} (V)	DC (V)		V_C (V)	I_P (A)				T \pm 1 (mm)	T \pm 0.0394 (inches)
	Z80BD431	275	350	430(387-473)	710	800	100000	1400	13000	2.460
Z80BD471	300	385	470(423-517)	775	800	100000	1500	12000	2.690	0.1059
Z80BD511	320	415	510(459-561)	845	800	100000	1600	11000	2.910	0.1146
Z80BD621	385	505	620(558-682)	1025	800	100000	2000	9000	3.540	0.1394
Z80BD681	420	560	680(612-748)	1120	800	100000	2200	8500	3.890	0.1531
Z80BD751	460	615	750(675-825)	1240	800	100000	2500	7700	4.290	0.1689
Z80BD781	485	640	780(702-858)	1290	800	100000	2600	7200	4.460	0.1756
Z80BD821	510	670	820(738-902)	1355	800	100000	2800	6900	4.690	0.1846
Z80BD911	550	745	910(819-1001)	1500	800	100000	3100	6500	5.200	0.2047
Z80BD951	575	765	950(855-1045)	1570	800	100000	3300	6200	5.430	0.2138
Z80BD102	625	825	1000(900-1100)	1650	800	100000	3400	5800	5.710	0.2248
Z80BD112	680	895	1100(990-1210)	1815	800	100000	3600	5200	6.290	0.2476
Z80BD122	750	970	1200(1062-1300)	2100	800	100000	4000	4800	6.860	0.2701
Z80BD142	880	1150	1400(1245-1520)	2290	800	100000	5000	4000	8.000	0.3150
Z80BD162	1000	1200	1600(1414-1728)	2700	800	100000	6000	3200	9.140	0.3598
Z80BD182	1100	1400	1800(1620-2060)	3030	800	100000	7000	2900	10.290	0.4051
Z80BD222	1400	1750	2200(2020-2200)	3580	800	100000	8500	2400	12.570	0.4949
Z80BD272	1700	2150	2700(2500-3030)	4400	800	100000	9800	2000	15.430	0.6075
Z80BD332	2000	2500	3300(2970-3300)	5375	800	100000	1050	1600	18.890	0.7437
Z80BD392	2400	3000	3900(3510-4290)	6360	800	100000	1200	1200	22.290	0.8776
Z80BD472	2800	3500	4700(4230-5170)	7665	800	100000	1300	1000	26.890	1.0587