

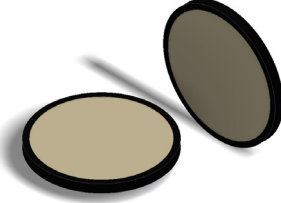


Z60BD SERIES

Metal Oxide Varistor

Features

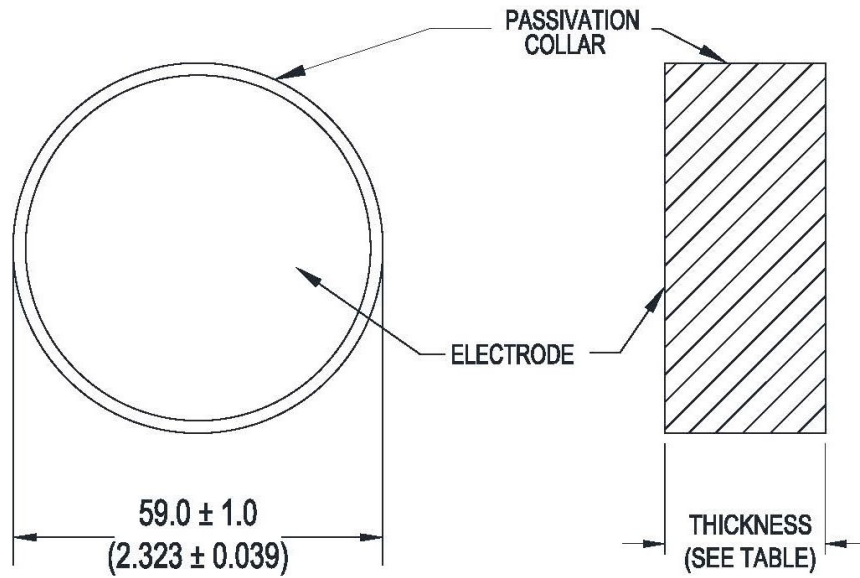
- High surge rating
- Silver electrode for soldering



ELECTRICAL CHARACTERISTICS AND RATINGS

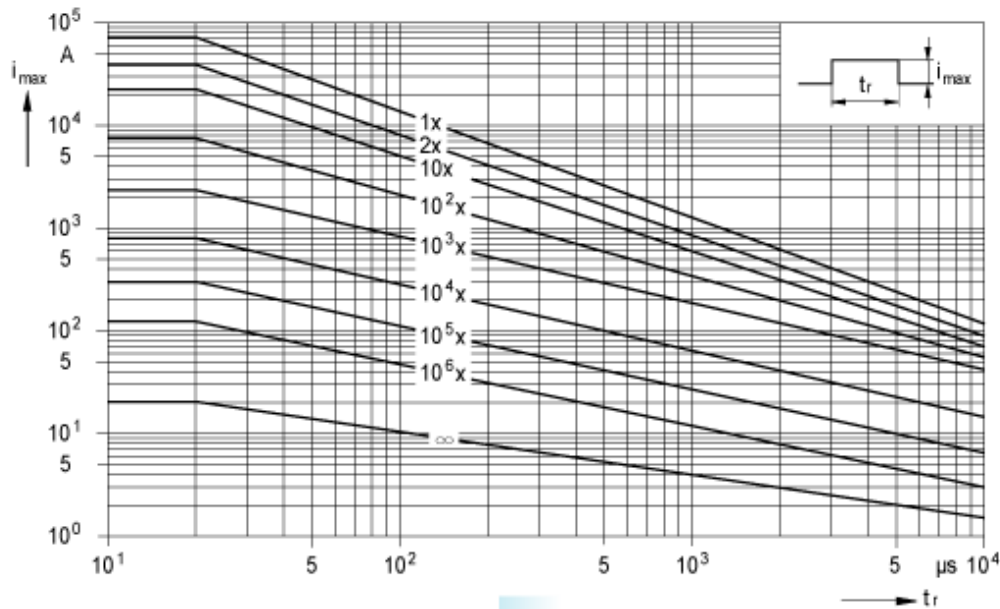
Part Number	Max Allowable Voltage		Varistor Voltage @1 mA (V)	Clamping Voltage (Max)		Max Peak Current (8/20µs) (A)	Max Energy (Joules) 2mS	Typical Capacitance (reference) @1kHz (pf)	Tmax Thickness	
	AC _{RMS} (V)	DC (V)		V _c (V)	I _p (A)				mm	Inches
Z60BD201	130	170	205(185-225)	340	500	70000	490	14000	1.50	.059
Z60BD221	140	180	220(198-242)	360	500	70000	500	13000	1.60	.063
Z60BD241	150	200	240(216-264)	395	500	70000	570	11000	1.80	.071
Z60BD271	175	225	270(243-297)	455	500	70000	630	10000	2.20	.087
Z60BD331	210	275	330(297-363)	550	500	70000	670	8500	2.40	.094
Z60BD361	230	300	360(324-396)	595	500	70000	730	7700	2.60	.102
Z60BD391	250	320	390(351-429)	650	500	70000	800	9000	2.90	.114
Z60BD431	275	350	430(387-473)	710	500	70000	860	8500	3.20	.126
Z60BD471	300	385	470(423-517)	775	500	70000	910	7600	3.40	.134
Z60BD511	320	410	510(459-561)	840	500	70000	1000	7000	3.80	.150
Z60BD561	350	460	560(504-616)	915	500	70000	1045	5000	4.20	.165
Z60BD621	385	505	620(558-682)	1025	500	70000	1200	6600	4.60	.181
Z60BD681	420	560	680(612-748)	1120	500	70000	1500	6200	5.00	.197
Z60BD751	460	615	750(675-825)	1240	500	70000	1650	5800	5.20	.205
Z60BD781	485	640	780(702-858)	1290	500	70000	1248	5500	5.50	.217
Z60BD821	510	670	820(738-902)	1355	500	70000	1312	5000	6.10	.240
Z60BD911	550	745	910(819-1001)	1500	500	70000	1500	4500	6.40	.252
Z60BD951	580	760	950(855-1045)	1500	500	70000	1548	4200	6.70	.264
Z60BD102	625	825	1000(900-1100)	1650	500	70000	1630	4000	7.40	.291
Z60BD112	680	895	1100(990-1210)	1815	500	70000	1800	3800	8.00	.315
Z60BD122	750	970	1200(1062-1300)	2000	500	70000	2600	3500	9.40	.370
Z60BD142	880	1150	1400(1245-1520)	2290	500	70000	3200	3000	10.70	.421
Z60BD162	900	1200	1600(1414-1728)	2700	500	70000	3200	2500	12.00	.472
Z60BD182	1000	1400	1800(1620-2060)	2940	500	70000	3800	2200	12.00	.472
Z60BD222	1400	1750	2200(2020-2500)	3600	500	70000	5000	1800	14.20	.559
Z60BD272	1700	2150	2700(2500-3030)	4300	500	70000	6000	1500	15.50	.610

CASE OUTLINE AND DIMENSIONS



Dimensions mm (Inches)

Derating Curve





V/I Characteristics Curve

