



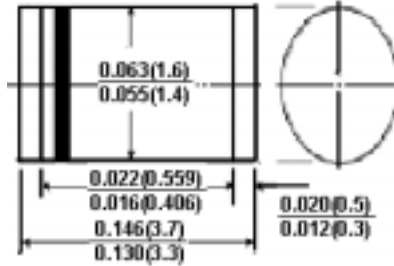
GLZ2.0~56

DESCRIPTION



MINI MELF

MACHANICAL DIMENSIONS



DIMENSION IN INCH (mm)

Absolute Maximum Ratings

	Symbol	Value	Unit
Zener Current see Table "Characteristics"			
Power Dissipation at Tamb=25°C	Ptot	500*	mW
Junction Temperature	Tj	175	°C
Storage Temperature Range	Ts	-65 to +175	°C

*Valid provided that leads at a distance of 10mm from case are kept at ambient temperature.

Cases: Mini Melf Molded Glass (NO. 9 of Page 135)

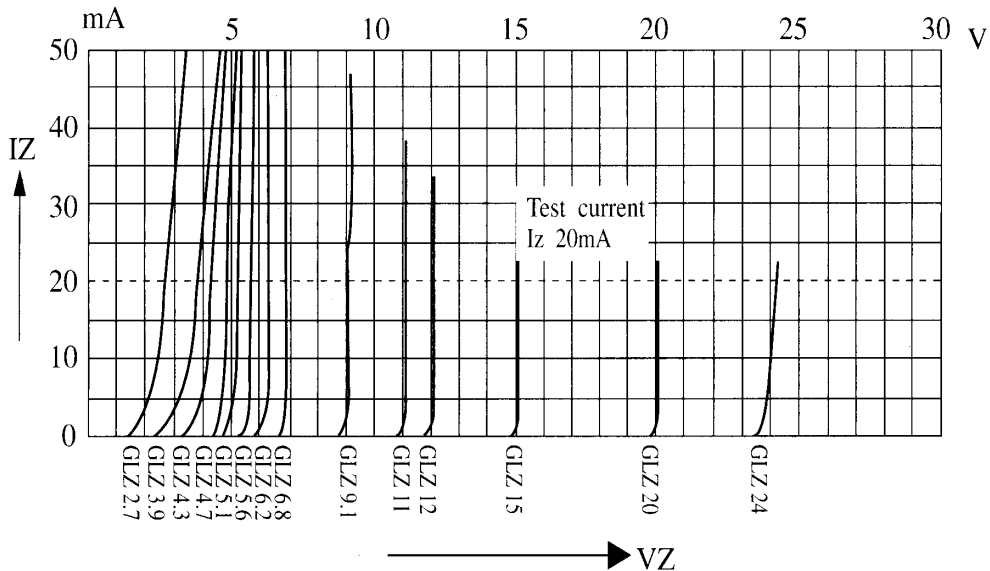
Characteristic at Tamb=25°C

	Symbol	Min.	Typ.	Max.	Unit
Thermal Resistance Junction to Ambient Air	RthA	-	-	0.3*	K/mW
Forward Voltage at IF=100mA	VF	-	-	1	V

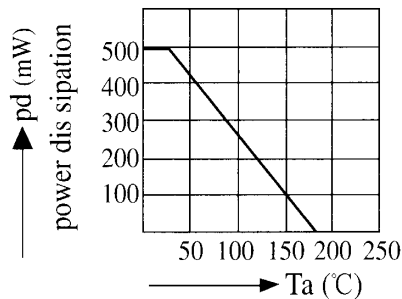
*Valid provided that leads at a distance of 10mm from case are kept at ambient temperature.

Breakdown characteristics

GLZ-series



changes in the power dissipation due to the ambient temperature.



Ambient Temperature.

GLZ -SERIES

SPEC.	CLASS	Vz (V)		IZ (mA)	VR (V)	IR(μ A) MAX	Izt (mA)	Zzt(Ω) MAX	Izk (mA)	Zzk(Ω) MAX
		MIN	MAX							
GLZ 2.0	A	1.880	2.100	20	0.5	120	20	140	1	2000
	B	2.020	2.200							
GLZ 2.2	A	2.120	2.300	20	0.7	120	20	120	1	2000
	B	2.220	2.410							
GLZ 2.4	A	2.330	2.520	20	1.0	120	20	100	1	2000
	B	2.430	2.630							
GLZ 2.7	A	2.540	2.750	20	1.0	120	20	100	1	1000
	B	2.690	2.910							
GLZ 3.0	A	2.850	3.070	20	1.0	50	20	80	1	1000
	B	3.010	3.220							
GLZ 3.3	A	3.160	3.380	20	1.0	20	20	70	1	1000
	B	3.320	3.530							
GLZ 3.6	A	3.455	3.695	20	1.0	10	20	60	1	1000
	B	3.600	3.845							
GLZ 3.9	A	3.740	4.010	20	1.0	5	20	50	1	1000
	B	3.890	4.160							
GLZ 4.3	A	4.040	4.290	20	1.0	5	20	40	1	1000
	B	4.170	4.430							
	C	4.300	4.570							
GLZ 4.7	A	4.440	4.680	20	1.0	5	20	25	1	900
	B	4.550	4.800							
	C	4.680	4.930							
GLZ 5.1	A	4.810	5.070	20	1.5	5	20	20	1	800
	B	4.940	5.200							
	C	5.090	5.370							
GLZ 5.6	A	5.280	5.550	20	2.5	5	20	13	1	500
	B	5.450	5.730							
	C	5.610	5.910							
GLZ 6.2	A	5.78	6.09	20	3.0	5	20	10	1	300
	B	5.96	6.27							
	C	6.12	6.44							
GLZ 6.8	A	6.29	6.63	20	3.5	2	20	8	0.5	150
	B	6.49	6.83							
	C	6.66	7.01							
GLZ 7.5	A	6.85	7.22	20	4.0	0.5	20	8	0.5	120
	B	7.07	7.45							
	C	7.29	7.67							
GLZ 8.2	A	7.53	7.92	20	5.0	0.5	20	8	0.5	120
	B	7.78	8.19							
	C	8.03	8.45							
GLZ 9.1	A	8.29	8.73	20	6.0	0.5	20	8	0.5	120
	B	8.57	9.01							
	C	8.83	9.30							
GLZ 10	A	9.12	9.59	20	7.0	0.2	20	8	0.5	120
	B	9.41	9.90							
	C	9.70	10.20							
	D	9.94	10.44							
GLZ 11	A	10.18	10.71	10	8.0	0.2	10	10	0.5	120
	B	10.50	11.05							
	C	10.82	11.38							

* Mini Melf Molded Glass.

GLZ -SERIES

SPEC.	CLASS	Vz (V)		IZ (mA)	VR (V)	IR(μA) MAX	Izt (mA)	Zzt(Ω) MAX	Izk (mA)	Zzk(Ω) MAX
		MIN	MAX							
GLZ 12	A	11.13	11.71	10	9.0	0.2	10	12	0.5	110
	B	11.44	12.03							
	C	11.74	12.35							
GLZ 13	A	12.11	12.75	10	10	0.2	10	14	0.5	110
	B	12.55	13.21							
	C	12.99	13.66							
GLZ 15	A	13.44	14.13	10	11	0.2	10	16	0.5	110
	B	13.89	14.62							
	C	14.35	15.09							
GLZ 16	A	14.80	15.57	10	12	0.2	10	18	0.5	150
	B	15.25	16.04							
	C	15.69	16.51							
GLZ 18	A	16.22	17.06	10	13	0.2	10	23	0.5	150
	B	16.82	17.70							
	C	17.42	18.33							
GLZ 20	A	18.02	18.96	10	15.0	0.2	10	28	0.5	200
	B	18.63	19.59							
	C	19.23	20.22							
	D	19.72	20.72							
GLZ 22	A	20.15	21.20	5	17.0	0.2	5	30	0.5	200
	B	20.64	21.71							
	C	21.08	22.17							
	D	21.52	22.63							
GLZ 24	A	22.05	23.18	5	19.0	0.2	5	35	0.5	200
	B	22.61	23.77							
	C	23.12	24.31							
	D	23.63	24.85							
GLZ 27	A	24.26	25.52	5	21.0	0.2	5	45	0.5	250
	B	24.97	26.26							
	C	25.63	26.95							
	D	26.29	27.64							
GLZ 30	A	26.99	28.39	5	23.0	0.2	5	55	0.5	250
	B	27.70	29.13							
	C	28.36	29.82							
	D	29.02	30.51							
GLZ 33	A	29.68	31.22	5	25.0	0.2	5	65	0.5	250
	B	30.32	31.88							
	C	30.90	32.50							
	D	31.49	33.11							
GLZ 36	A	32.14	33.79	5	27.0	0.2	5	75	0.5	250
	B	32.79	34.49							
	C	33.40	35.13							
	D	34.01	35.77							
GLZ 39	A	34.68	36.47	5	30.0	0.2	5	85	0.5	250
	B	35.36	37.19							
	C	36.00	37.85							
	D	36.63	38.52							
GLZ 43		40.00	45.00	5	33	0.2	5	90	-	
GLZ 47		44.00	49.00	5	36	0.2	5	90	-	
GLZ 51		48.00	54.00	5	39	0.2	5	110	-	
GLZ 56		53.00	60.00	5	43	0.2	5	110	-	

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