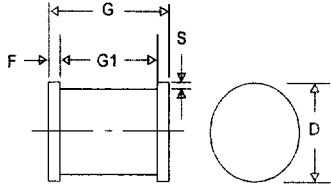


ZENER DIODES, SURFACE MOUNT, MELF PACKAGE

1 Watt JEDEC Part Number	Nominal Zener Voltage at I_{zT} V_z (V)	Zener Test Current I_{zT} (μ A)	Maximum Zener Impedance Z_{zT} at I_{zT} (Ohms)	Maximum Knee Impedance		Maximum Reverse Current at $T_A = 25^\circ\text{C}$		Maximum Zener Current I_{zr} (mA)	Maximum Surge Current I_{zsm} (mA)	Pkg. Quant. Reel	Outline Inches/millimeters
				I_{zk}	Z_{zk} at I_{zk}	V_r (V)	I_r (μ A)				
				(mA)	(Ohms)						
ZM4728A	3.3	76	10	1.0	400	1.0	100	276	1380		
ZM4729A	3.6	69	10	1.0	400	1.0	100	252	1260		
ZM4730A	3.9	64	9.0	1.0	400	1.0	50	234	1190		
ZM4731A	4.3	58	9.0	1.0	400	1.0	10	217	1070		
ZM4732A	4.7	53	8.0	1.0	500	1.0	10	193	970		
ZM4733A	5.1	49	7.0	1.0	550	1.0	10	178	890		
ZM4734A	5.6	45	5.0	1.0	600	2.0	10	162	810		
ZM4735A	6.2	41	2.0	1.0	700	3.0	10	146	730		
ZM4736A	6.8	37	3.5	1.0	700	4.0	10	133	660		
ZM4737A	7.5	34	4.0	0.5	700	5.0	10	121	605		
ZM4738A	8.2	31	4.5	0.5	700	6.0	5.0	110	550		
ZM4739A	9.1	28	5.0	0.5	700	7.0	5.0	100	500		
ZM4740A	10	25	7.0	0.25	700	7.6	5.0	91	454		
ZM4741A	11	23	8.0	0.25	700	8.4	5.0	83	414		
ZM4742A	12	21	9.0	0.25	700	9.1	5.0	76	380		
ZM4743A	13	19	10	0.25	700	9.0	5.0	69	344		
ZM4744A	15	17	14	0.25	700	11.4	5.0	61	304		
ZM4745A	16	15.5	16	0.25	700	12.2	5.0	57	285		
ZM4746A	18	14.0	20	0.25	750	13.7	5.0	50	250		
ZM4747A	20	12.5	22	0.25	750	15.2	5.0	45	225		
ZM4748A	22	11.5	23	0.25	750	16.7	5.0	41	205		
ZM4749A	24	10.5	25	0.25	750	18.2	5.0	38	190		
ZM4750A	27	9.5	35	0.25	750	20.6	5.0	34	170		
ZM4751A	30	8.5	40	0.25	1000	22.8	5.0	30	150		
ZM4752A	33	7.5	45	0.25	1000	25.1	5.0	27	135		
ZM4753A	36	7.0	50	0.25	1000	27.4	5.0	25	125		
ZM4754A	39	6.5	60	0.25	1000	29.7	5.0	23	115		
ZM4755A	43	6.0	70	0.25	1500	32.7	5.0	22	110		
ZM4756A	47	5.5	80	0.25	1500	35.8	5.0	19	95		
ZM4757A	51	5.0	95	0.25	1500	38.8	5.0	18	90		
ZM4758A	56	4.5	110	0.25	2000	42.6	5.0	16	80		
ZM4759A	62	4.0	125	0.25	2000	47.1	5.0	14	70		
ZM4760A	68	3.7	150	0.25	2000	51.7	5.0	13	65		
ZM4761A	75	3.3	175	0.25	2000	56.0	5.0	12	60		
ZM4762A	82	3.0	200	0.25	3000	62.0	5.0	11	55		
ZM4763A	91	2.8	250	0.25	3000	69.2	5.0	10	50		
ZM4764A	100	2.5	350	0.25	3000	76.0	5.0	9	45		

DIM	MM		INCHES	
	MIN	MAX	MIN	MAX
D	2.41	2.67	.095	.105
F	0.41	0.55	.016	.022
G	4.70	5.21	.185	.205
S	0.03		.001	
G1	3.93 REF		.155 REF	

MELF

FEATURES:

- Zener Voltage
3.3 to 100 volts
- Surface Mount - MELF Package

MAXIMUM RATINGS:

- Junction Temperature:
-65°C to +200°C
- Storage temperature:
-65°C to +200°C
- DC Power Dissipation:
1.0 Watt at $T_J = 50^\circ\text{C}$
- Derate above 50°C:
10.0 mW/°C
- Forward Voltage @ 200 mA:
1.2 volts max.

Suffix To Part Number

Indicates Tolerance

of nominal V_z

No Suffix = $\pm 10\%$

Suffix A = $\pm 5\%$

Suffix B = $\pm 2\%$

Suffix D = $\pm 1\%$