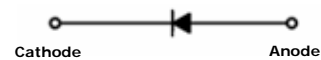
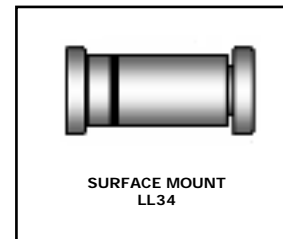


500mW LL34(Mini-MELF) Hermetically Sealed Glass Zener Voltage Regulators 贴片齐纳稳压二极管

ZMM2V0(B)-56(B)

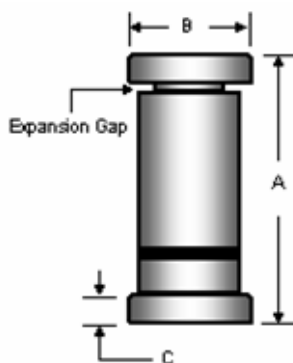


规格特征 Specification Features:

- 反向漏电流小 Low Reverse Leakage
- 齐纳击穿阻抗低 Low Zener Impedance
- 高稳定性和可靠性 High Stability and High Reliability
- LL34贴片封装 LL34(Mini-MELF) Package
- 无铅产品 Leadless Diode
- 玻璃密封封装 Hermetically Sealed Glass
- 色环端为负极 1st Band indicates negative polarity or Cathode Band

极限值和温度特性 Absolute Maximum Ratings & Thermal Characteristics: (TA=25°C)

参数 Parameter	符号 Symbols	数值 Value	单位 Unit
功率消耗 Power Dissipation	P _D	500.0	mW
工作结温 Operating Junction Temperature	T _J	+175	°C
储存温度 Storage Temperature Range	T _S	-55---+175	°C



DIM	LL-34			
	Millimeters		Inches	
	Min	Max	Min	Max
A	3.302	3.505	0.130	0.138
B	1.39	1.54	0.054	0.060
C	0.350	0.500	0.014	0.020

Notes:

1. LL34 polarity denoted by a band.
2. 'Expansion Gap' has no relation to the location of polarity.

ZMM2V0(B)-56(B)

Electrical Characteristics T_A = 25°C unless otherwise noted

Device Type	V _Z @ I _{ZT} (Volts) Nominal	I _{ZT} (mA)	Z _{ZT} @ I _{ZT} (Ω) Max	I _R @ V _R (μA) Max	V _R (Volts)
ZMM2V0(B)	2.0	5	100	120	0.5
ZMM2V2(B)	2.2	5	100	120	0.7
ZMM2V4(B)	2.4	5	100	120	1
ZMM2V7(B)	2.7	5	110	100	1
ZMM3V0(B)	3.0	5	120	50	1
ZMM3V3(B)	3.3	5	120	20	1
ZMM3V6(B)	3.6	5	100	10	1
ZMM3V9(B)	3.9	5	100	5	1
ZMM4V3(B)	4.3	5	100	5	1
ZMM4V7(B)	4.7	5	80	5	1
ZMM5V1(B)	5.1	5	80	5	1.5
ZMM5V6(B)	5.6	5	60	5	2.5
ZMM6V2(B)	6.2	5	60	5	3
ZMM6V8(B)	6.8	5	20	2	3.5
ZMM7V5(B)	7.5	5	20	0.5	4
ZMM8V2(B)	8.2	5	20	0.5	5
ZMM9V1(B)	9.1	5	25	0.5	6
ZMM10(B)	10	5	30	0.2	7
ZMM11(B)	11	5	30	0.2	8
ZMM12(B)	12	5	30	0.2	9
ZMM13(B)	13	5	35	0.2	10
ZMM15(B)	15	5	40	0.2	11
ZMM16(B)	16	5	40	0.2	12
ZMM18(B)	18	5	45	0.2	13
ZMM20(B)	20	5	45	0.2	15
ZMM22(B)	22	5	30	0.2	17
ZMM24(B)	24	5	35	0.2	19
ZMM27(B)	27	5	45	0.2	21
ZMM30(B)	30	5	55	0.2	23
ZMM33(B)	33	5	65	0.2	25
ZMM36(B)	36	5	75	0.2	27
ZMM39(B)	39	5	85	0.2	30
ZMM43(B)	43	5	90	0.2	33
ZMM47(B)	47	5	90	0.2	36
ZMM51(B)	51	5	110	0.2	39
ZMM56(B)	56	5	110	0.2	43

V_F Forward Voltage = 1.2 V Maximum @ I_F = 200 mA for all types

Notes:

1. The type numbers listed have zener voltage min/max limits as shown and have a standard tolerance on the nominal zener voltage of 5%.
2. The zener impedance is derived from the 60-cycle ac voltage, which results when an ac current having an rms value equal to 10% of the dc zener current (I_{ZT} or I_{ZK}) is superimposed to I_{ZT} or I_{ZK}.
3. suffix B± 2%

ZMM2V0(B)-56(B)

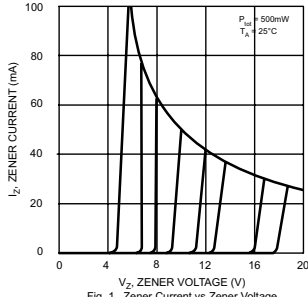


Fig. 1. Zener Current vs Zener Voltage

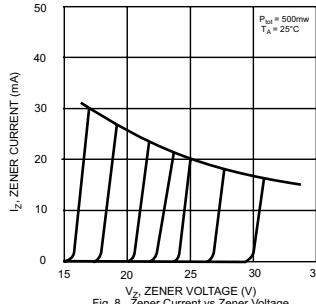


Fig. 8. Zener Current vs Zener Voltage

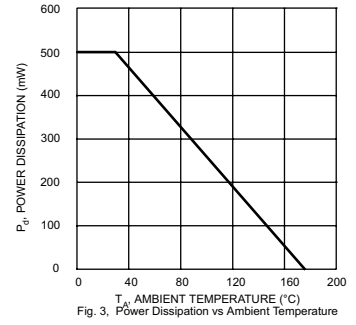


Fig. 3. Power Dissipation vs Ambient Temperature

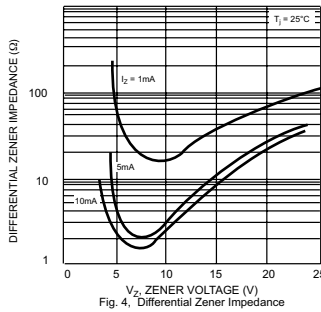


Fig. 4. Differential Zener Impedance

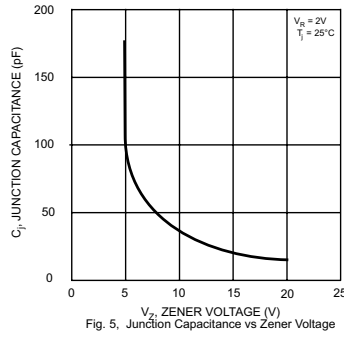


Fig. 5. Junction Capacitance vs Zener Voltage