

LL34(Mini-melf) 玻封稳压二极管
LL34(Mini-melf) Glass Zener Diode

特征 Features

- 反向漏电小; Low Reverse Leakage
- 齐纳击穿阻抗低; Low Zener Impedance
- 最大功率耗散 500mW; Power Dissipation of 500mW
- 高稳定性和可靠性。High Stability and High Reliability

机械数据 Mechanical Data

- 封装: LL34　玻璃封装 Case: LL34 Glass Case
- 极性: 色环端为负极 Polarity: Color band denotes cathode end
- 安装位置: 任意 Mounting Position: Any

极限值和温度特性(TA = 25℃ 除非另有规定)

Maximum Ratings & Thermal Characteristics (Ratings at 25℃ ambient temperature unless otherwise specified.)

参数 Parameters	符号 Symbol	数值 Value	单位 Unit
功率消耗 Power Dissipation	Pd	500 [1)]	mW
工作结温 Operating junction temperature	Tj	175	℃
存储温度 Storage temperature range	Ts	-55-+175	℃

1) Valid provided that electrodes are kept at ambient temperature

电特性 (TA = 25℃ 除非另有规定)

Electrical Characteristics (Ratings at 25℃ ambient temperature unless otherwise specified).

型号 TYPE	稳压范围 Zener Voltage			反向电流 Reverse Carrent		动态电阻 Dynamic Resistance	
	Vz(V)		测试条件 Test Condition	Ir(uA)	测试条件 Test Condition	rd(Ω)	测试条件 Test Condition
	Min.	Max.	Iz(mA)	Max.	Vr(V)	Max.	Iz(mA)
ZMM 2B0	1.96	2.04	5.0	100	1.0	85	5.0
ZMM 2B2	2.16	2.24	5.0	75	1.0	85	5.0
ZMM 2B4	2.35	2.45	5.0	50	1.0	85	5.0
ZMM 2B7	2.65	2.75	5.0	10	1.0	85	5.0
ZMM 3B0	2.94	3.06	5.0	4	1.0	85	5.0
ZMM 3B3	3.23	3.36	5.0	2	1.0	85	5.0
ZMM 3B6	3.53	3.67	5.0	2	1.0	85	5.0
ZMM 3B9	3.82	3.98	5.0	2	1.0	85	5.0
ZMM 4B3	4.21	4.38	5.0	1	1.0	75	5.0
ZMM 4B7	4.61	4.79	5.0	0.5	1.0	60	5.0
ZMM 5B1	5.00	5.20	5.0	0.1	1.0	35	5.0
ZMM 5B6	5.49	5.71	5.0	0.1	1.0	25	5.0
ZMM 6B2	6.08	6.32	5.0	0.1	2.0	10	5.0
ZMM 6B8	6.66	6.93	5.0	0.1	3.0	8	5.0
ZMM 7B5	7.35	7.65	5.0	0.1	5.0	7	5.0
ZMM 8B2	8.04	8.36	5.0	0.1	6.2	7	5.0

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	Min.	Max.	Iz(mA)	Max.	Vr(V)	Max.	Iz(mA)
ZMM 9B1	8.92	9.28	5.0	0.1	6.8	10	5.0
ZMM 10B	9.80	10.20	5.0	0.1	7.5	15	5.0
ZMM 11B	10.78	11.22	5.0	0.1	8.2	20	5.0
ZMM 12B	11.76	12.24	5.0	0.1	9.1	20	5.0
ZMM 13B	12.74	13.25	5.0	0.1	10.0	26	5.0
ZMM 15B	14.70	15.29	5.0	0.1	11.0	30	5.0
ZMM 16B	15.68	16.31	5.0	0.1	12.0	40	5.0
ZMM 18B	17.64	18.35	5.0	0.1	13.0	50	5.0
ZMM 20B	19.60	20.39	5.0	0.1	15.0	55	5.0
ZMM 22B	21.56	22.43	5.0	0.1	16.0	55	5.0
ZMM 24B	23.52	24.47	5.0	0.1	18.0	80	5.0
ZMM 27B	26.46	27.53	5.0	0.1	20.0	80	5.0
ZMM 30B	29.40	30.59	5.0	0.1	22.0	80	5.0
ZMM 33B	32.34	33.65	5.0	0.1	24.0	80	5.0
ZMM 36B	35.28	36.71	5.0	0.1	27.0	80	5.0
ZMM 39B	38.22	39.76	2.5	0.1	30.0	90	2.5

Notes:

1) Tested with pulses tp = 20 ms.
2) VF(Max)=1.20V@ IF=100mA
3) The Zener voltages are graded according to the international E 24 standard. Smaller voltage tolerances and higher Zener voltages are upon request.
4) These diodes are also available in DO-35 case with the type designation ZMM...

Breakdown characteristics Tj = constant (pulsed)



