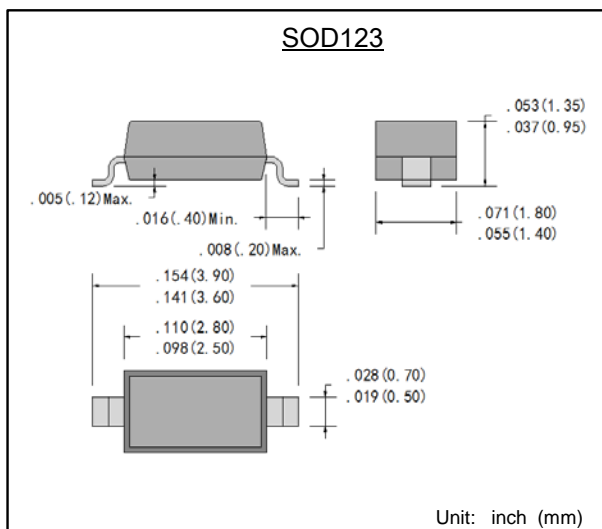




表面贴装稳压二极管
功率 500 mW
稳压电压范围 2.4 - 47 V

Surface Mount Zener Diode
Power Dissipation 500 mW
Zener Voltage Range 2.4 - 47 V



特征 Features

- 平面结构芯片 Planar die construction
- 标准稳压电压公差 ±2% Standard Zener voltage tolerance is ±2%
- 超小表面贴装器件 Ultra-small surface mount device
- 适合自动装配 Ideally suited for automated assembly processes
- 引线镀层和管体符合RoHS标准
Lead plating and body according with RoHS standard

机械数据 Mechanical Data

- 封装: SOD123 塑料封装 Case: SOD123 Molded plastic
- 极性: 色环端为负极 Polarity: Color band denotes cathode end
- 安装位置: 任意 Mounting Position: Any

最大值和特性 TA = 25°C 除非另有规定。

Maximum Ratings & Characteristics Ratings at 25°C ambient temperature unless otherwise specified.

参数 Parameter	符号 Symbols	数值	单位
		Value	Unit
功率消耗 Power Dissipation	P_D	500	mW
典型热阻 Type Thermal Resistance	$R_{\theta JA}$	330	°C/W
正向电压 Forward Voltage	V_{FM}	0.9	V
工作结温和存储温度 Operating Junction and Storage Temperature Range	T_J, T_{STG}	-55 --- +150	°C

备注 Note:

1) Valid Provided that Device Terminals are Kept at Ambient Temperature.

产品型号 Part No.	Marking	Zener Voltage Range				Z_{ZT}		Z_{ZK}		$I_R(\mu A)$	
		Nom.(V)	Min.(V)	Max.(V)	@IZT(mA)	Max. (Ω)	@IZT(mA)	Max. (Ω)	@IZK(mA)	Max.	@VR(V)
MM1Z2B4	2WX	2.4	2.352	2.448	5.0	100	5.0	600	1.0	50	1.0
MM1Z2B7	2W1	2.7	2.646	2.754	5.0	100	5.0	600	1.0	20	1.0
MM1Z3B0	2W2	3.0	2.940	3.060	5.0	95	5.0	600	1.0	10	1.0
MM1Z3B3	2W3	3.3	3.234	3.366	5.0	95	5.0	600	1.0	5	1.0
MM1Z3B6	2W4	3.6	3.528	3.672	5.0	90	5.0	600	1.0	5	1.0
MM1Z3B9	2W5	3.9	3.822	3.978	5.0	90	5.0	600	1.0	3	1.0
MM1Z4B3	2W6	4.3	4.214	4.386	5.0	90	5.0	600	1.0	3	1.0
MM1Z4B7	2W7	4.7	4.606	4.794	5.0	80	5.0	500	1.0	3	2.0
MM1Z5B1	2W8	5.1	4.998	5.202	5.0	60	5.0	480	1.0	2	2.0
MM1Z5B6	2W9	5.6	5.488	5.712	5.0	40	5.0	400	1.0	1	2.0
MM1Z6B2	2WA	6.2	6.076	6.324	5.0	10	5.0	150	1.0	3	4.0
MM1Z6B8	2WB	6.8	6.664	6.936	5.0	15	5.0	80	1.0	2	4.0
MM1Z7B5	2WC	7.5	7.350	7.650	5.0	15	5.0	80	1.0	1	5.0
MM1Z8B2	2WD	8.2	8.036	8.364	5.0	15	5.0	80	1.0	0.7	5.0
MM1Z9B1	2WE	9.1	8.918	9.282	5.0	15	5.0	100	1.0	0.5	6.0



MM1Z2B4-MM1ZB47

产品型号 Part No.	Marking	Zener Voltage Range				Z _{ZT}		Z _{ZK}		I _R (uA)	
		Nom.(V)	Min.(V)	Max.(V)	@I _{ZT} (mA)	Max. (Ω)	@I _{ZT} (mA)	Max. (Ω)	@I _{ZK} (mA)	Max.	@VR(V)
MM1ZB10	2WF	10.0	9.800	10.200	5.0	20	5.0	150	1.0	0.2	7.0
MM1ZB11	2WG	11.0	10.780	11.220	5.0	20	5.0	150	1.0	0.1	8.0
MM1ZB12	2WH	12.0	11.760	12.240	5.0	25	5.0	150	1.0	0.1	8.0
MM1ZB13	2WI	13.0	12.740	13.260	5.0	30	5.0	170	1.0	0.1	8.0
MM1ZB15	2WJ	15.0	14.700	15.300	5.0	30	5.0	200	1.0	0.1	10.5
MM1ZB16	2WK	16.0	15.680	16.320	5.0	40	5.0	200	1.0	0.1	11.2
MM1ZB18	2WL	18.0	17.640	18.360	5.0	45	5.0	225	1.0	0.1	12.6
MM1ZB20	2WM	20.0	19.600	20.400	5.0	55	5.0	225	1.0	0.1	14.0
MM1ZB22	2WN	22.0	21.560	22.440	5.0	55	5.0	250	1.0	0.1	15.4
MM1ZB24	2WO	24.0	23.520	24.480	5.0	70	5.0	250	1.0	0.1	16.8
MM1ZB27	2WP	27.0	26.460	27.540	2.0	80	2.0	300	0.5	0.1	18.9
MM1ZB30	2WQ	30.0	29.400	30.600	2.0	80	2.0	300	0.5	0.1	21.0
MM1ZB33	2WR	33.0	32.340	33.660	2.0	80	2.0	325	0.5	0.1	23.1
MM1ZB36	2WS	36.0	35.280	36.720	2.0	90	2.0	350	0.5	0.1	25.2
MM1ZB39	2WT	39.0	38.220	39.780	2.0	130	2.0	350	0.5	0.1	27.3
MM1ZB43	2WU	43.0	42.140	43.860	2.0	100	2.0	700	1.0	0.1	32.0
MM1ZB47	2WV	47.0	46.060	47.940	2.0	100	2.0	750	1.0	0.1	35.0