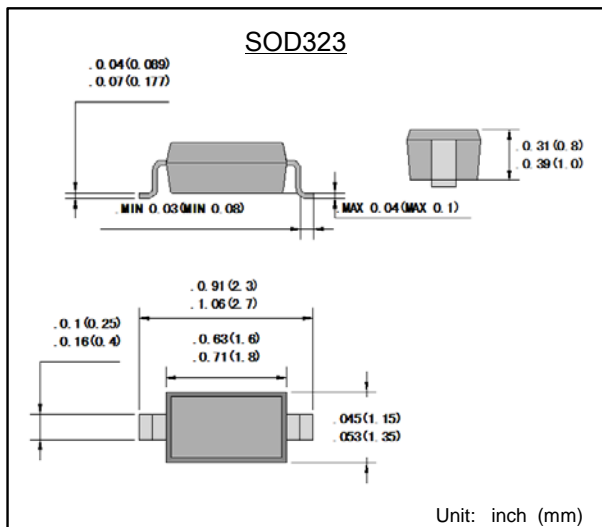




MM1Z2B4S-MM1ZB47S

表面贴装稳压二极管
功率 200 mW
稳压电压范围 2.4 - 47 V

Surface Mount Zener Diode
Power Dissipation 200 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: SOD323 塑料封装 Case: SOD323 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	200	mW
典型热阻 Type Thermal Resistance	$R_{\theta JA}$	625	°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)
MM1Z2B4S	2WX	2.4	2.352	2.448	5.0	100	5.0	600	1.0	50	1.0
MM1Z2B7S	2W1	2.7	2.646	2.754	5.0	100	5.0	600	1.0	20	1.0
MM1Z3B0S	2W2	3.0	2.940	3.060	5.0	95	5.0	600	1.0	10	1.0
MM1Z3B3S	2W3	3.3	3.234	3.366	5.0	95	5.0	600	1.0	5	1.0
MM1Z3B6S	2W4	3.6	3.528	3.672	5.0	90	5.0	600	1.0	5	1.0
MM1Z3B9S	2W5	3.9	3.822	3.978	5.0	90	5.0	600	1.0	3	1.0
MM1Z4B3S	2W6	4.3	4.214	4.386	5.0	90	5.0	600	1.0	3	1.0
MM1Z4B7S	2W7	4.7	4.606	4.794	5.0	80	5.0	500	1.0	3	2.0
MM1Z5B1S	2W8	5.1	4.998	5.202	5.0	60	5.0	480	1.0	2	2.0
MM1Z5B6S	2W9	5.6	5.488	5.712	5.0	40	5.0	400	1.0	1	2.0
MM1Z6B2S	2WA	6.2	6.076	6.324	5.0	10	5.0	150	1.0	3	4.0
MM1Z6B8S	2WB	6.8	6.664	6.936	5.0	15	5.0	80	1.0	2	4.0
MM1Z7B5S	2WC	7.5	7.350	7.650	5.0	15	5.0	80	1.0	1	5.0
MM1Z8B2S	2WD	8.2	8.036	8.364	5.0	15	5.0	80	1.0	0.7	5.0
MM1Z9B1S	2WE	9.1	8.918	9.282	5.0	15	5.0	100	1.0	0.5	6.0



MM1Z2B4S-MM1ZB47S

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)
MM1ZB10S	2WF	10.0	9.800	10.200	5.0	20	5.0	150	1.0	0.2	7.0
MM1ZB11S	2WG	11.0	10.780	11.220	5.0	20	5.0	150	1.0	0.1	8.0
MM1ZB12S	2WH	12.0	11.760	12.240	5.0	25	5.0	150	1.0	0.1	8.0
MM1ZB13S	2WI	13.0	12.740	13.260	5.0	30	5.0	170	1.0	0.1	8.0
MM1ZB15S	2WJ	15.0	14.700	15.300	5.0	30	5.0	200	1.0	0.1	10.5
MM1ZB16S	2WK	16.0	15.680	16.320	5.0	40	5.0	200	1.0	0.1	11.2
MM1ZB18S	2WL	18.0	17.640	18.360	5.0	45	5.0	225	1.0	0.1	12.6
MM1ZB20S	2WM	20.0	19.600	20.400	5.0	55	5.0	225	1.0	0.1	14.0
MM1ZB22S	2WN	22.0	21.560	22.440	5.0	55	5.0	250	1.0	0.1	15.4
MM1ZB24S	2WO	24.0	23.520	24.480	5.0	70	5.0	250	1.0	0.1	16.8
MM1ZB27S	2WP	27.0	26.460	27.540	2.0	80	2.0	300	0.5	0.1	18.9
MM1ZB30S	2WQ	30.0	29.400	30.600	2.0	80	2.0	300	0.5	0.1	21.0
MM1ZB33S	2WR	33.0	32.340	33.660	2.0	80	2.0	325	0.5	0.1	23.1
MM1ZB36S	2WS	36.0	35.280	36.720	2.0	90	2.0	350	0.5	0.1	25.2
MM1ZB39S	2WT	39.0	38.220	39.780	2.0	130	2.0	350	0.5	0.1	27.3
MM1ZB43S	2WU	43.0	42.140	43.860	2.0	100	2.0	700	1.0	0.1	32.0
MM1ZB47S	2WV	47.0	46.060	47.940	2.0	100	2.0	750	1.0	0.1	35.0