



轴向稳压二极管

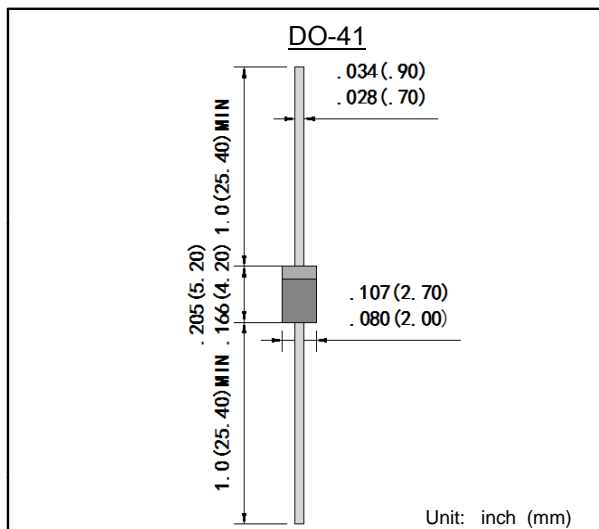
功率 1000 mW

稳压电压范围 12 - 350 V

Axial Zener Diode

Power Dissipation 1000 mW

Zener Voltage Range 12 - 350 V



特征 Features

- 玻璃钝化芯片 Glass passivation chip
- 标准稳压电压公差 ±5% Standard Zener voltage tolerance is ±5%
- 高信赖性 High reliability
- 高温焊接保证 High temperature soldering guaranteed:
260°C/10 秒, 引线长度:0.375" (9.5mm)
260°C/10seconds,9.5mm lead length
- 引线 and 管体皆符合RoHS标准
Lead and body according with RoHS standard
- 型号后缀“-F”标记无卤素产品

机械数据 Mechanical Data

- 封装: DO-41 塑封 Case:DO-41 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 TA = 25°C 除非另有规定。

Maximum Ratings 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 (Note 1)	P _D	1000	mW
正向电压 Forward Voltage IF=200mA	V _{FM}	1.2	V
工作结温和存储温度 Operating Junction and Storage Temperature Range	T _J , T _{STG}	-40~+150	°C

备注 Note:

1) Valid provided that leads at a distance of 10mm from case are kept at ambient temperat

电特性 TA = 25°C 除非另有规定。

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

产品型号 Part No.	V _Z @ I _{ZT}			Z _{ZT}		I _R (uA)	
	Nom.(V)	Min.(V)	Max.(V)	Max. (Ω)	@I _{ZT} (mA)	Max.	@VR(V)
1Z12A	12.0	11.4	12.6	30	10	5.0	10
1Z13A	13.0	12.4	13.7	30	10	5.0	10
1Z100A	100.0	95.0	105.0	300	3	5.0	80
1Z150A	150.0	142.5	157.5	450	2	5.0	120
1Z180A	180.0	171.0	189.0	500	1.5	3.0	171
1Z200A	200.0	190.0	210.0	2000	1.5	5.0	160
1Z250A	250.0	237.5	262.5	5000	1	5.0	200
1Z300A	300.0	285.0	315.0	5000	1	5.0	240
1Z350A	350.0	334.0	368.0	10000	0.5	5.0	280