



表面贴装稳压二极管

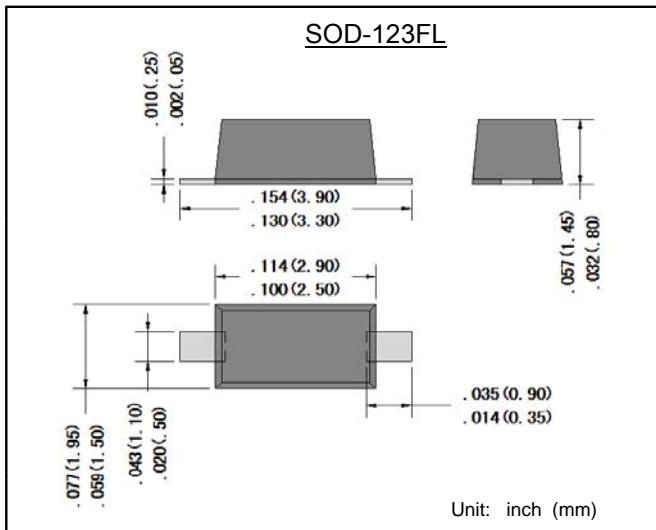
功率 1000 mW

稳压电压 12~75 V

Surface Mounted Zener Diode

Power Dissipation 1000 mW

Zener Voltage 12~75 V



特征 Features

- 反向漏电流小 Low reverse leakage
- 功率耗散 1W Power dissipation of 1 W
- 高稳定性和可靠性 High stability and high reliability
- 引线 and 管体皆符合RoHS标准
Lead and body according with RoHS standard

机械数据 Mechanical Data

- 封装: SOD123FL 塑封 Case: SOD123FL 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

极限值和温度特性 TA = 25°C 除非另有规定。

Maximum Ratings & Thermal 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	1000	mW
工作结温 Operating Junction Temperature	T_J	150	°C
存储温度 Storage Temperature Range	T_{STG}	-55~+150	°C

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_F (V)		$V_Z @ I_{ZT}$			Z_{ZT}		Z_{ZK}		I_R (uA)	
	Max.	@ I_F (mA)	Nom.(V)	Min.(V)	Max.(V)	Max. (Ω)	@ I_{ZT} (mA)	Max. (Ω)	@ I_{ZK} (mA)	Max.	@ V_R (V)
1FL012	1.5	200	12.0	11.4	12.6	9	21	700	0.25	0.1	9.1
1FL018	1.5	200	18.0	17.1	18.9	20	14	750	0.25	0.1	13.7
1FL033	1.5	200	33.0	31.4	34.7	45	7.5	1000	0.25	0.1	25.1
1FL056	1.5	200	56.0	53.2	58.8	110	4.5	2000	0.25	0.1	42.6
1FL075	1.5	200	75.0	71.3	78.8	175	3.3	2000	0.25	0.1	56