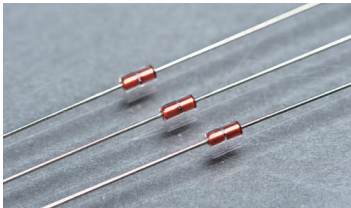


MF58系列 玻璃封装型 NTC热敏电阻

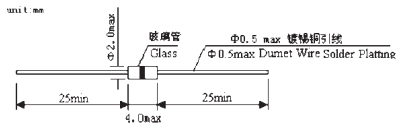
Series MF58 Galss encapsulation NTC thermistors



产品特点 FEATURES

- ▶ 稳定性好、可靠性高 Good stability and security
- ▶ 阻值范围宽：0.1~1000k Ω Broad range of resistance:0.1~1000k Ω
- ▶ 阻值精度高 High precision of resistance
- ▶ 由于采用玻璃封装，可在高温和高湿等恶劣环境下使用 Capability of operating in the bad environment of high temperature and high humidity because of the glass encapsulation framework
- ▶ 体积小、重量轻、结构坚固、便于自动化安装（在印制线路板上） Small size、light weight、strong frame、easy automatic installation(on the printed-circuit board)
- ▶ 热感应快、灵敏度高 Fast response to the temperature,high delicacy

外形尺寸 DIMENSIONS

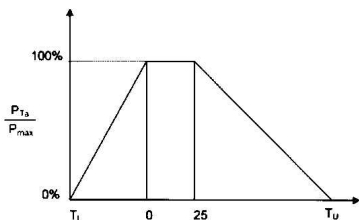


型号命名 PRODUCT IDENTIFICATION

MF58	103	F	3950	F
①	②	③	④	⑤

- ①型号：玻璃封装型NTC热敏电阻器 Type galss encapsulation NTC thermistors
- ②标称阻值103为10k Ω Nominal resistance 103 namely 10K Ω
- ③阻值允许偏差F为 $\pm 1\%$ The allowable tolerance of resistance F is $\pm 1\%$
- ④B值为3950K B constant:3950 namely 3950K
- ⑤B值允许偏差F为 $\pm 1\%$ The allowable tolerance of B constant F is $\pm 1\%$

降功耗曲线 POWER DERATING CURVE



T_U : 工作温度上限($^{\circ}C$)
Maximum operation temperature($^{\circ}C$)

T_L : 工作温度下限($^{\circ}C$)
Minimum operation temperature ($^{\circ}C$)

例如For example:

环境温度ambient temperature (T_a) = $60^{\circ}C$

工作温度上限Maximum operation temperature(T_U) = $200^{\circ}C$

$$P_{Ta} = (T_U - T_a) / (T_U - 25) \times P_{max} \quad 80\% P_{max}$$

● 技术说明 TECHNICAL SPECIFICATIONS

型号Type	零功率电阻 Zero-power resistance@ 25°C R_{25} (K Ω)	R_{25} 公差 R_{25} Tolerance	B 值 B constant @25/50°C (K)	B 值公差 B constant tolerance	最大功耗 @25°C Pmax(mW)	耗散系数 Dissipation factor δ (mW/°C)	热时间常数 Thermal time constant τ (Sec.)	工作温度范围 Operation temperature $T_L \sim T_U$ (°C)
MF58502□3550□	5	F(±1%) G(±2%) H(±3%) J(±5%) K(±10%)	3550	F(±1%) G(±2%) H(±3%)	120	≥2	≤10	-40 ~ +200
MF58103□3550□	10		3550					
MF58103□3435□	10		3435					
MF58103□3470□	10		3470					
MF58103□3975□	10		3975					
MF58203□3950□	20		3950					
MF58303□3950□	30		3950					
MF58473□3950□	47		3950					
MF58503□3950□	50		3950					
MF58104□4000□	100		4000					
MF58104□3975□	100		3975					
MF58104□4300□	100		4300					
MF58204□3950□	200		3950					
MF58204□4000□	200		4000					
MF58204□4350□	200		4350					

备注: 如有特殊要求请与我们联系。

Remark: Please contact us if you have any special requirements.