

SURGiNG

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Thermistor

热敏电阻

MF58 Series

MF58 系列玻璃壳精密型

NTC 热敏电阻器

-用于温度测量及控制

MF58 series glass bulb precise NTC thermistor-applied for temperature measuring and controlling



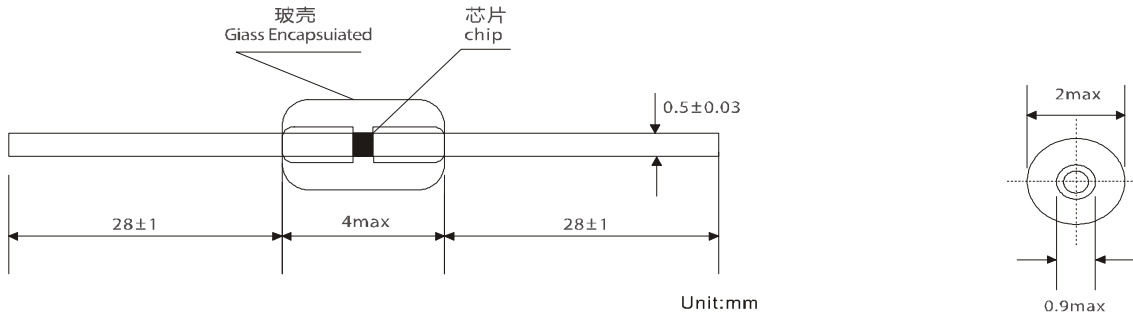
产品特点 PRODUCT FEATURES

1. MF58 系列产品为轴向引线玻璃封装型 axial lead wire glass encapsulation
2. 稳定性好、可靠性高 excellent stability and reliability
3. 阻值范围宽: $0.1 \sim 5000K\Omega$ wide resistance range $0.1 \sim 5000 K\Omega$
4. 阻值及 B 值精度高 accurate B value
5. 玻璃封装, 可在高温和高湿等恶劣环境下使用 glass encapsulation, working at high temperature and moisture environment is available
6. 体积小、结构坚固、便于自动化安装 small size, sturdy construction, easy for automatic installation
7. 使用温度范围 $-40^{\circ}\text{C} \sim 250^{\circ}\text{C}$ temperature range: $-40 \sim +250^{\circ}\text{C}$
8. 热感应快、灵敏度高 fast thermoinduction, excellent sensitivity

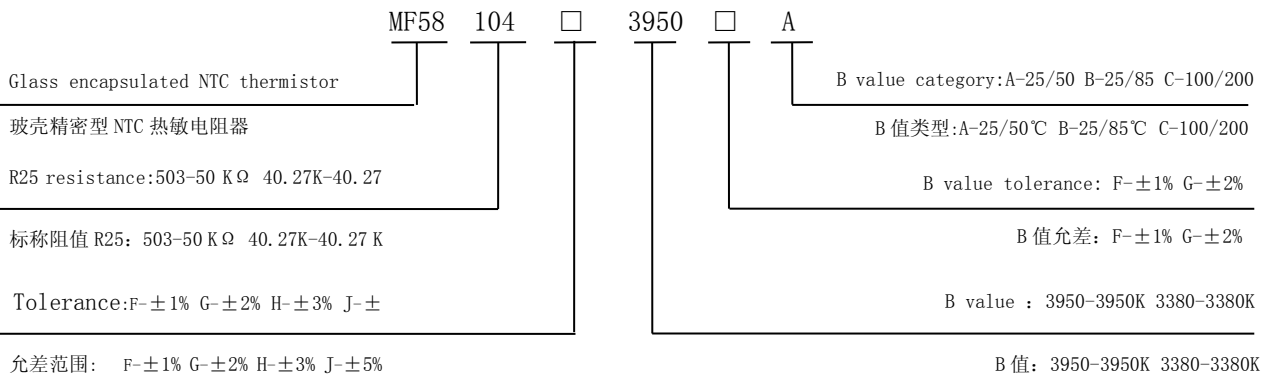
应用范围 APPLICATION

1. 电磁炉、电压力锅、电饭煲、电烤箱、消毒柜、饮水机、微波炉、电取暖炉等家用电器的温度控制及温度检测 temperature measuring and controlling of house appliance such as induction cooker, electric pressure cooker and so on
2. 办公自动化设备(如复印机、打印机等)的温度检测及温度补偿 digital thermometer such as barbecue fork, temperature controller
3. 工业、医疗、环保、气象、食品加工设备的温度控制与检测 industry, medical ,environmental equipment temperature measuring and controlling
4. 充电电池组及充电器的温度保护 charger temperature measuring and controlling
5. 仪表线圈、集成电路、石英晶体振荡器和热电偶的温度补偿 temperature measuring and controlling of instrument coil, integrated circuit and so on

产品外形结构图 OVERALL STRUCTURE



产品型号说明 MARKING OF PART NUMBER



规格表 SPEC.Table

Part Number 型号	Resistance @25 额定电阻值 (R ₂₅)		B Value B 值		Specific parameters 特定参数 (K Ω)	Operating Temperature 工作温度 ($^{\circ}\text{C}$)	Dissipation Factor 耗散系数 (mW/ $^{\circ}\text{C}$)	Thermal Time Constant 热时间常数 (S)
	Resistance 电阻值 (K Ω)	Tolerance 允许偏差 ($\pm\%$)	B Value 标称值 (K)	Tolerance 允许偏差 ($\pm\%$)				
MF58-202□3839□(5/25)	2	1、2、3、5	3839	0.5、1、2	R ₅ =5.06	-40 $^{\circ}\text{C}$ ~ +250 $^{\circ}\text{C}$	≥ 2.0 静止空气中 In still air	≤ 12 静止空气中 In still air
*MF58-502□3470□A	5		3470					
*MF58-502□3950□A	5		3950					
*MF58-103□3380□A	10		3380					
*MF58-103□3435□B	10		3435					
*MF58-103□3470□A	10		3470					
*MF58-103□3600□A	10		3600					
*MF58-103□3700□A	10		3700					
*MF58-103□3950□A	10		3950					
*MF58-103□3975□B	10		3975					
*MF58-103□4100□A	10		4100					
*MF58-203□3950□A	20		3950					

*MF58-303□3950□A	30		3950				
*MF58-233□4200□A	23		4200				
*MF58-40.27K□3979□B	40.27		3979				
*MF58-473□3950□A	47		3950				
*MF58-503□3950□A	50		3950				
*MF58-503□4050□A	50		4050				
*MF58-98.75K□4300□ (100/200)	98.75		4300		R ₂₀₀ =0.55		
*MF58-104□3899□A	100		3899				
MF58-104□3930□A	100		3930				
*MF58-104□3950□A	100		3950				
*MF58-104□3990□A	100		3990				
*MF58-104□4200□A	100		4200				
*MF58-204□3899□A	200		3899		R ₁₆₀ =3.0		
*MF58-204□4200□A	200		4200				
*MF58-204□4260□A	200		4260				
*MF58-504□4260□A	500		4260				
MF58-504□4050□A	500		4050				
*MF58-1.388M□4500□A	1388		4500		R ₂₀₀ =4.0		

注 1：第一方框填标称阻值的精度代号，第二方框填写 B 值的精度代号。

Note1: Filling accuracy code in 1st box, B value in 2nd box.

注 2：规格表中部分产品规格已通过 CQC 产品认证，型号前带*号的规格表示通过了 UL/CUL (E243011) 认证。

Note2: Some products in specification table passed CQC, TUV certification, model with a ※ means that this product has passed UL/CUL (E243011) certification.

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