

SURGiNG

紹 鑫 實 業



Thermistor

热敏电阻

MF52&MF52A&MF52D
Series

MF52&MF52A&MF52D 系列

珠状精密型 NTC 热敏电阻器

- 用于温度测量及控制

MF52&MF52A&MF52D series

precise bead NTC thermistor

- applied to temperature measurement and controlling



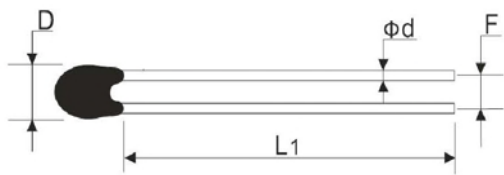
产品特点 PRODUCT FEATURES

1. MF52 系列产品为径向引线树脂涂装型 radial leading wire resin coating type
2. 阻值范围宽: 0.1 ~500 K Ω resistance range: 0.1 ~500 K Ω
3. 阻值及 B 值精度高 high accurate resistance and B value
4. 测试精度高 excellent precision
5. 体积小、反应速度快 small size, fast response
6. 一致性好 excellent uniformity
7. 能长时间稳定工作 long time stable working is available
8. 使用温度范围-40 ~+125 $^{\circ}$ C working temperature range: -40 ~+125 $^{\circ}$ C

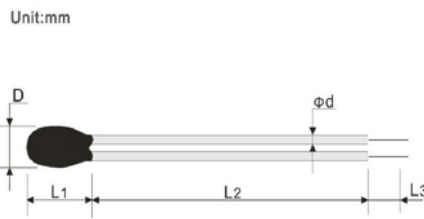
应用范围 APPLICATION

1. 空调、冰箱、冰柜、豆浆机、面包机、饮水机等家用电器 house appliance such as air-conditioner, refrigerator, soybean milk machine, bread machine, water dispenser and so on
2. 医疗仪器 medical facility
3. 温控仪表 temperature controller
4. 电子礼品 electric gift
5. 电子温湿度计 electric hygrothermograph
6. 汽车测温 auto temperature measurement
7. 电子万年历 electric calendar
8. 充电电池组及充电器 charger

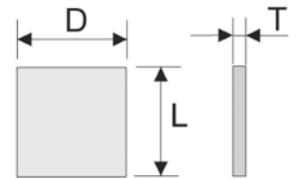
产品外形结构图 OVERALL STRUCTURE



镀锡铜线或镀锡铜包钢线
E-Tinned copper brass wire or tinned steel wire

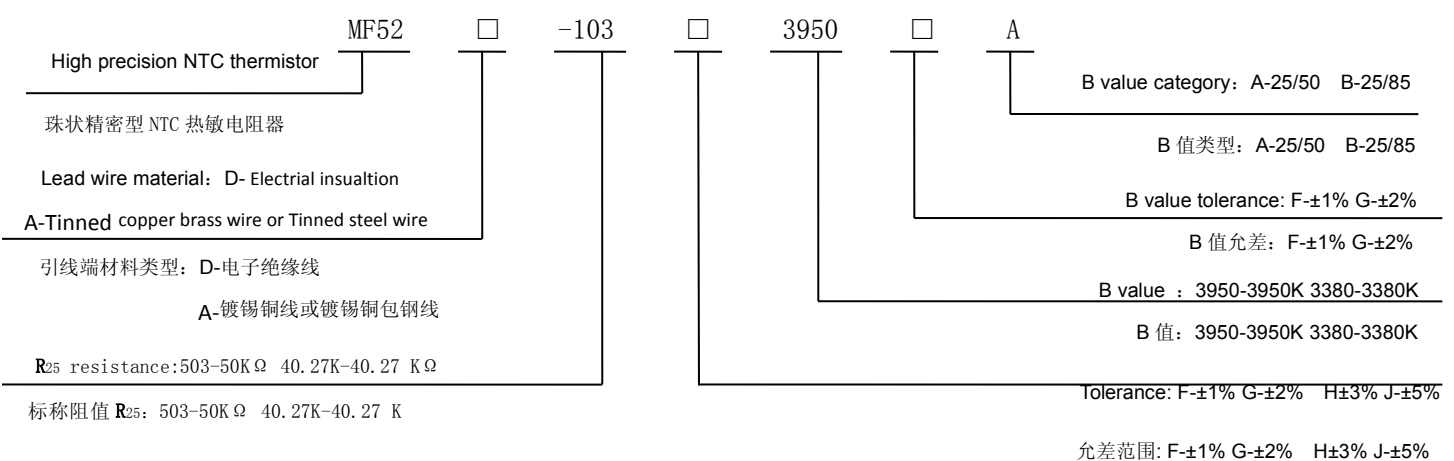


D 型:引线为电子绝缘线
D- Electrical insulation



芯片
Chip type

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(R25)		B Value B 值		Operating Temperature 工作温度 ($^{\circ}$ C)	Dissipation Factor 耗散系数 (Mw/ $^{\circ}$ 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 ($\pm\%$)			
MF52□-102□3950□A	1	1、2、3、5	3950	1、2	-40 $^{\circ}$ C ~+125 $^{\circ}$ C	≥ 3.0	≤ 12
※MF52□-202□3470□A	2		3470				
※MF52□-202□3550□A	2		3550				
MF52□-202□3580□A	2		3580				
MF52□-202□3950□A	2		3950				
※MF52□-2.252K□3950□A	2.252		3935				
MF52□-2.78K□4170□A	2.78		4170				
MF52□-302□4090□A	3		4090				
MF52□-332□3950□A	3.3		3950				
※MF52□-472□3950□A	4.7		3950				
※MF52□-502□3470□A	5		3470	1、2	-40 $^{\circ}$ C ~+125 $^{\circ}$ C	≥ 3.0	≤ 12
※MF52□-502□3950□A	5		3950				
※MF52□-682□3977□B	6.8		3977				

MF52□-682□4200□A	6.8		4200			
※MF52□-103□3380□A	10		3380			
※MF52□-103□3435□B	10		3435			
※MF52□-103□3470□A	10		3470			
MF52□-103□3450□B	10		3450			
※MF52□-103□3950□A	10		3950			
※MF52□-103□3977□B	10		3977			
※MF52□-103□4100□A	10		4100			
※MF52□-153□3950□A	15		3950			
※MF52□-203□3950□A	20		3950			
※MF52□-233□4200□A	23		4200			
※MF52□-303□3950□A	30		3950			
※MF52□-40.27K□3979□B	40.27		3979			
※MF52□-473□3950□A	47		3950			
※MF52□-49.12K□3979□A	49.12		3979			
※MF52□-503□3950□A	50		3950			
※MF52□-503□3990□A	50		3990			
※MF52□-503□4050□A	50		4050			
※MF52□-104□3950□A	100		3950			
※MF52□-104□3990□A	100		3990			
※MF52□-104□4200□A	100		4200			
※MF52□-154□4370□B	150		4370			
※MF52□-105□4730□A	1000		4730			

注 1：第一方框填引线类型，第二方框填标称阻值的精度代号，第三方框填 B 值的精度代号。

Note1: to fill leading wire type in first box, to fill accuracy code of nominal resistance in the second one, fill accuracy code of B value in the third one.

注 2：规格表中所有产品已通过 CQC、TUV 认证，型号前带※表示通过了 UL/CUL (E243011) 认证。

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