

# SURGiNG

紹 鑫 實 業



# Thermistor

热敏电阻

MF55 Series

## MF55 系列薄膜型

### NTC 热敏电阻器

- 用于温度补偿及控制

MF55 series thin film NTC thermistor

- applied for temperature compensation and controlling



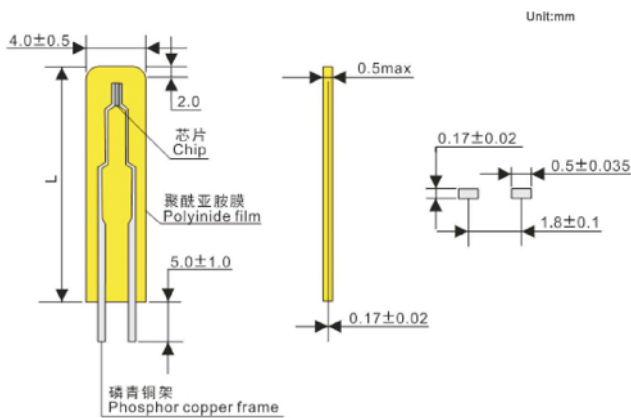
#### 产品特点 PRODUCT FEATURES

1. 绝缘薄膜封装、绝缘性好、稳定性好、可靠性高 insulated thin film sealing, excellent insulation performance, good stability and high reliability
2. 体积小重量轻、热感应速度快, 灵敏度高 small size, light weight, fast thermoinduction, high sensitivity
3. 互换性、一致性好、能长时间稳定工作 excellent interchangeability and consistency, long time stable working
4. 阻值精度高、使用温度范围 $-30^{\circ}\text{C}\sim+110^{\circ}\text{C}$  high resistance accuracy, temperature range  $-30^{\circ}\text{C}\sim+110^{\circ}\text{C}$
5. 使用安全、结构坚固、便于自动化安装 security, sturdy construction, easy for auto-installation

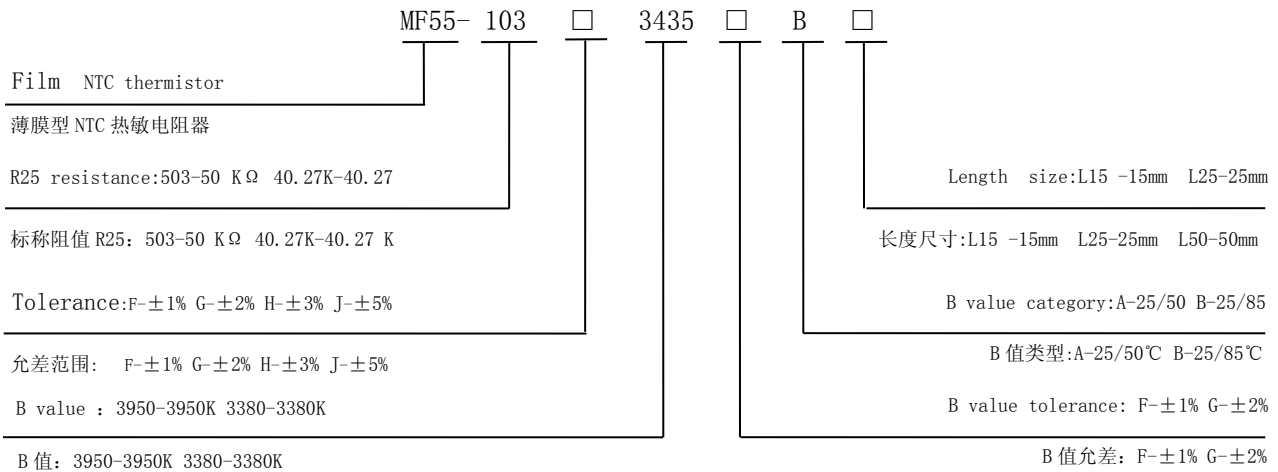
#### 应用范围 APPLICATION

1. 家用电器（如空调机、微波炉、电风扇、电取暖炉等）的温度控制与温度检测  
house appliance temperature compensation and controlling such as air conditioner, microwave oven and so on
2. 办公自动化设备（如复印机、打印机等）的温度检测或温度补偿  
office equipment temperature compensation and detection such as printer and copying machine
3. 手机电池、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 compensation of ,telephone battery,Instrument coil ,integrated circuit and so on
4. 液面指示和流量测量 liquid level indication and flow measuring
5. 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, weather temperature detection and controlling

#### 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 (R25)		B Value B 值		Operating Temperature 工作温度 (°C)	Dissipation Factor 耗散系数 (Mw/°C)	Thermal Time Constant 热时间常数 (S)
	Resistance 电阻值 (K Ω)	Tolerance 允许偏差 (±%)	B Value 标称值 (K)	Tolerance 允许偏差 (±%)			
MF55-103□3435□B□	10	1、2、3、5	3435	1、2、3、5	-30°C~+110°C	≥ 0.7	≤5
MF55-103□3380□A□	10		3380				
MF55-473□3950□A□	47		3950				
MF55-103□3977□B□	10		3977				
MF55-103□3950□A□	10		3950				
MF55-104□3950□A□	100		3950				

注：第一方框填写标称阻值的精度代号，第二方框填写 B 值的精度代号，第三方框填写尺寸。

Note: filling accuracy code in 1st box, B value in 2nd box and size in 3rd box.