

应用范围:

计量设备、电子线路的温度补偿；一般精度的温度测量及控制

Applications scope:

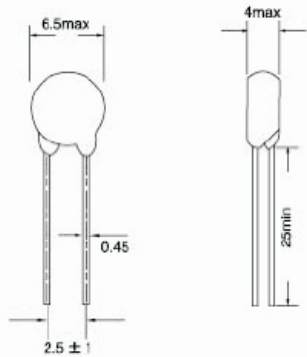
measuring equipment, temperature compensation of the electronic circuit; the general accuracy of temperature measurement and control



产品外形尺寸: Product Dimensions

Unit:mm

产品型号说明: Product Type Description

**MF11 - 103 J**

允差范围: J \pm 5% K \pm 10% L \pm 10% M \pm 20%
(Tolerance: J \pm 5% K \pm 10% L \pm 10% M \pm 20%)

25 $^{\circ}$ C 标称阻值: 103-10K Ω (25 $^{\circ}$ C Resistance 103-10K Ω)

MF11系列: 温度补偿型 NTC 热敏电阻器
(MF11 series Temperature compensation NTC thermistor)

主要特性参数: The main characteristic parameters

特性参数 Parameters	参数范围 Parameter range
R25 标称电阻值及允差范围 R25 nominal resistance value and tolerance range	见下表 In the table below
B 值及允差范围 B value and the tolerance range	见下表 In the table below
热时间常数 Thermal time constant	\leq 30S
耗散系数 Dissipation factor	\geq 6mW/ $^{\circ}$ C
测量功率 Measuring Power	\leq 0.5mW/ $^{\circ}$ C
额定功率 Rated	0.5W
工作温度范围 Operating temperature range	-55 $^{\circ}$ C ~ +125 $^{\circ}$ C

规格参数表: Specification table

型号 Model	额定电阻值(R25) Rated resistance (R25)		B 值 (25/50 $^{\circ}$ C) B Value (25/50 $^{\circ}$ C)	
	阻值范围(Ω) Resistance Range (Ω)	允差范围(%) Tolerance range (%)	标称值(K) Nominal value (K)	允差范围(%) Tolerance range (%)
MF11	3.3~33		2700	
	6.8~68		2830	
	15~150		2950	
	33~330		3100	
	68~680		3250	
	150~1500		3400	
	330~3300	\pm 5	3570	
	680~6800	\pm 10	3740	\pm 5
	1500~15000	\pm 20	3900	
	3300~33000		4050	
	6800~68000		4250	
	15000~150000		4450	
	33000~330000		4670	
	68000~680000		4800	
150000~2000000		5050		

MF11

系列NTC热敏电阻器

MF11 series
NTC thermistor