MF11 Temperature Compensation NTC Thermistor

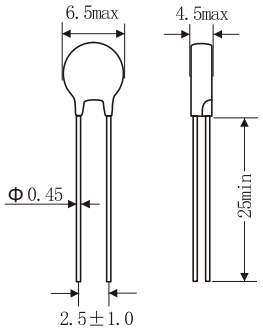
Features

1. MF11 series in the form of radial resin coated form.
2. Wide resistance range：0.01~200KΩ
3. Resistance tolerance can be ±5%
4. Rated power：0.5W
5. Good consistency.
6. Operating temperature range: -55 ~ +125℃

Application

1. Electronic circuit temperature compensation.
2. Computation equipment temperature compensation.
3. Temperature compensation of instrument loop, integrated circuit, crystal oscillator.
4. Commonly precision temperature measurement and control

Outlook and Dimension（Unit：mm）



Marking of Part Number

MF11　103　M

Tolerance：J-±5%　K-±10%　L-±15%　M-±20%

R_{25}：22R-22Ω 103-10KΩ

MF11 Series: Temperature compensation NTC thermistor

Data Sheet

Part Number	Resistance @25℃ （R_{25}）		B value（25/50℃）		Dissipation Factor (mW/℃)	Thermal Time constant (S)	Operating Temperature (℃)
	R_{25} range （Ω）	Tolerance （±%）	B value （K）	Tolerance （±%）			
MF11-□□	3.3~33	5、10、20	2700	5	≥6.0 In still air	≤30 In still air	-55~+125
	6.8~68		2830				
	15~150		2950				
	33~330		3100				
	68~680		3250				
	150~1500		3400				
	330~3300		3570				
	680~6800		3740				
	1500~15000		3900				
	3300~33000		4050				
	6800~68000		4250				
	15000~150000		4450				
	33000~330000		4670				
	68000~680000		4800				
	150000~2000000		5050				

Note: First □ for filling in resistance @25℃, Second □ for filling in resistance tolerance code name.