



Features

1. MF52 series in the form of radial resin coated form.
2. Wide resistance range : 0.1~500K Ω
3. High precision resistance and B value
4. High measurement precision.
5. Small dimension, fast response.
6. Good consistency.
7. Can operate in long time stability.
8. Operating temperature range: -40 ~ +125

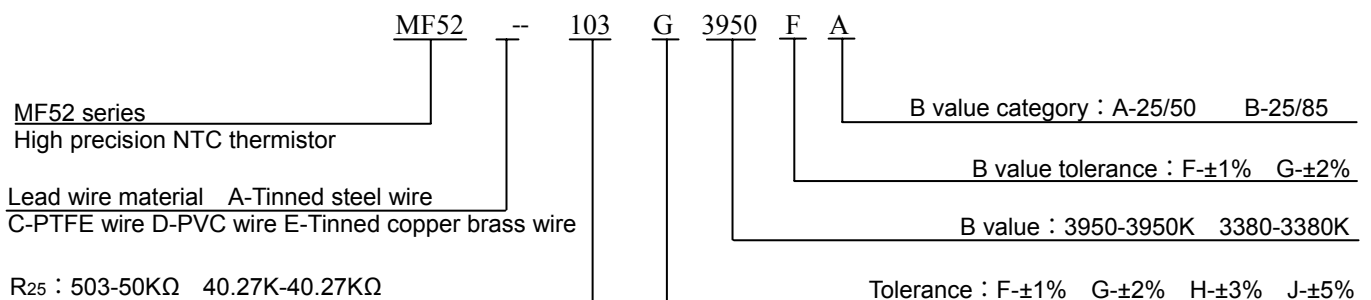


Application

1. Home appliance such as air conditioner, refrigerator, deep freezer, soybean milk machine, bread machine, drinking machine.
2. Medical equipment and apparatus.
3. Temperature control instrument.
4. Electronic present.
5. Electronic temperature humidity meter.
6. Automobile temperature measurement.
7. Electronic table calendar.
8. Battery pack and battery charger.

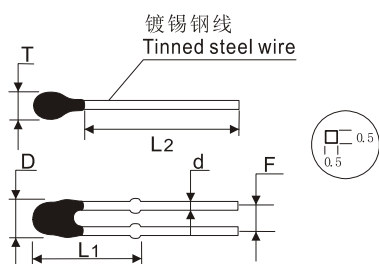


Marking of Part Number



Outlook and Dimension (Unit : mm)

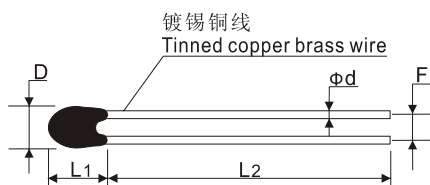
Model A: Tinned steel wire



Standard Dimension

Dmax	Tmax	L1max	L2min	d±0.1	F±0.5
3.8	2.5	9.5	12	0.5	2.5

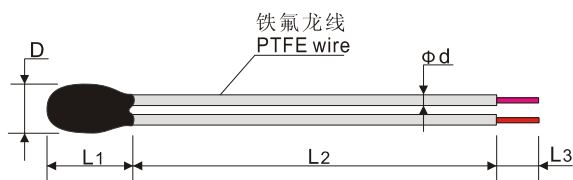
Model E: Tinned copper brass wire



Standard Dimension

Dmax	L1max	L2min	Φd±0.05	F±0.5
2.8	3.2	25	0.4	2.0

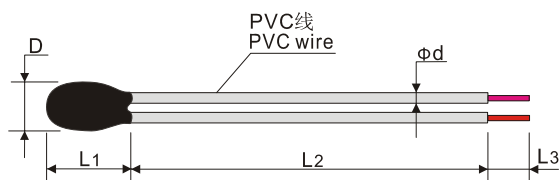
Model C: PTFE wire



Standard Dimension

Symbol	Dmax	L1max	L2min	Φd±0.05	L3±1
C1	3.5	5.0	Upon customer requirement	0.8	3or5
C2	3.0	4.0	Upon customer requirement	0.65	3or5

Model D: PVC wire



Standard Dimension

Symbol	Dmax	L1max	L2min	Φd±0.05	L3±1
D1	3.5	5.0	Upon customer requirement	0.8	3or5
D2	3.0	4.0	Upon customer requirement	0.65	3or5



Data Sheet

Part Number	Resistance @25 (R ₂₅)		B Value		Rated Power (mW)	Dissipation Factor (mW/°C)	Thermal Time Constant (S)	Operating Temperature (°C)
	Resistance (KΩ)	Tolerance (±%)	B Value (K)	Tolerance (±%)				
MF52□-202□4000□A	2	1、2、3、5	4000	0.5、1、2	≤50	≥2.0 In still air	≤12 In still air	-40 ~+125
MF52□-2.55K□3740□A	2.55		3740					
MF52□-202□3930□A	2		3930					
MF52□-202□3483□A	2		3483					
MF52□-472□3950□A	4.7		3950					
MF52□-502□3470□A	5		3470					
MF52□-502□3950□A	5		3950					
MF52□-802□3780□A	8		3780					
MF52□-103□3270□A	10		3270					
MF52□-103□3435□B	10		3435					
MF52□-103□3470□A	10		3470					
MF52□-103□3600□A	10		3600					
MF52□-103□3950□A	10		3950					
MF52□-103□3977□B	10		3977					
MF52□-103□4100□A	10		4100					
MF52□-153□3680□A	15		3680					
MF52□-153□4100□A	15		4100					
MF52□-203□4150□B	20		4150					
MF52□-303□3950□A	30		3950					
MF52□-40.27K□3900□A	40.27		3900					
MF52□-473□3950□A	47		3950					
MF52□-473□3990□A	47		3990					
MF52□-503□3950□A	50		3950					
MF52□-503□3990□A	50		3990					
MF52□-104□3950□A	100		3950					
MF52□-104□4200□A	100		4200					
MF52□-154□4370□B	150		4370					

Note: First □ for filling in lead wire type, second □ for filling in resistance tolerance code name, third □ for filling in B value tolerance code name.