



Features

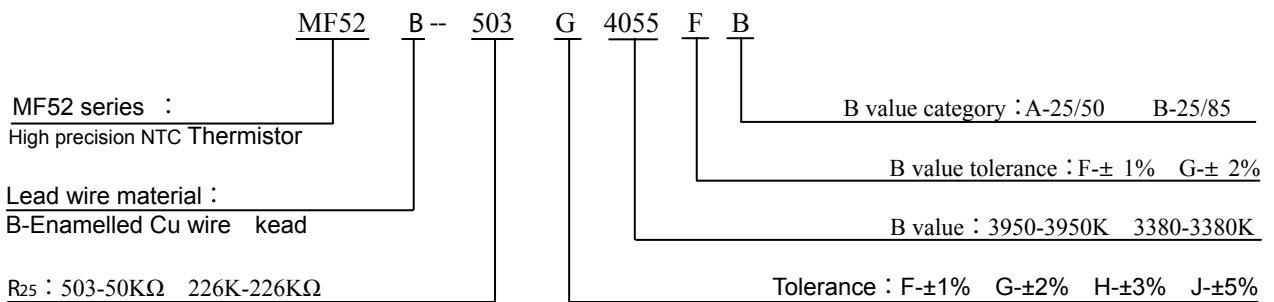
1. MF52B series in the form of radial enameled cu wire.
2. Wide resistance range 2~200KΩ
3. High precision of resistance and B value.
4. High temperature measurement precision, can be ± 0.1 .
5. Small dimension, fast response.
6. High reliability.
7. Can Operate in long time stability.
8. Operating temperature range: -40 ~ +105 .



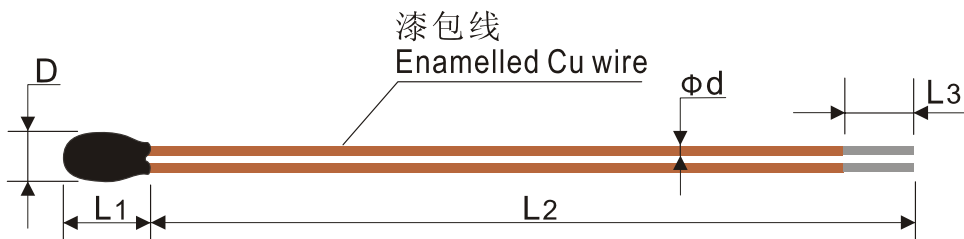
Application

1. Electronic thermometer.
2. Medical apparatus.
3. Home appliance, such as air conditioner, refrigerator, deep freezer, soybean milk machine, bread machine, drinking machine, etc.

Marking of the Part Number



Outlook and Dimension (☒位 Unit : mm)



Dmax	L ₁ max	L ₂	L ₃ ± 1	Φd± 0.05
1.4	4.0	87± 3	3	0.15or0.20



NTC Thermistor

MF52B Enameled Cu Wire Coating High Precision NTC Thermistor

Data Sheet

Part Number	Resistance @25 (R ₂₅)		B Value		Operating Temperature ()	Dissipation Factor (mW/)	Thermal Time Constant (S)	Rated Power (mW)
	Resistance (KΩ)	Tolerance (±%)	B Value (K)	Tolerance (±%)				
MF52B-402□3100□B	4	1、 2、 3	3100	0.5、 1	-40 ~+105	≥0.7 In still air	≤6 In still air	≤3.5
MF52B-103□3435□B	10		3435					
MF52B-103□3250□B	10		3250					
MF52B-303□3760□B	30		3760					
MF52B-403□3525□B	40		3525					
MF52B-413□3435□B	41		3435					
MF52B-503□4055□B	50		4055					
MF52B-593□3617□B	59		3617					
MF52B-833□4013□B	83		4013					
MF52B-104□4132□B	100		4132					
MF52B-226K□4021□B	226		4021					
MF52B-232K□4274□B	232		4274					

Note: First □ for filling in resistance tolerance code name, Second □ for filling in B value tolerance code name.