

**Features**

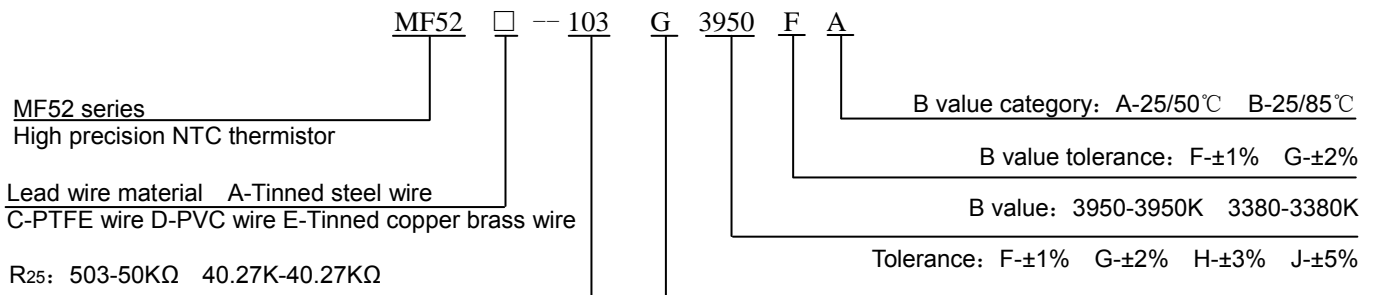
1. MF52 series in the form of radial resin coated form.
2. Wide resistance range: 0.1~500K  $\Omega$
3. High precision resistance and B value
4. High measurement precision.
5. Small dimension, fast response.
6. Good consistency.
7. Can operate in long time stability.
8. Operating temperature range: -55 ~ +125°C



**Application**

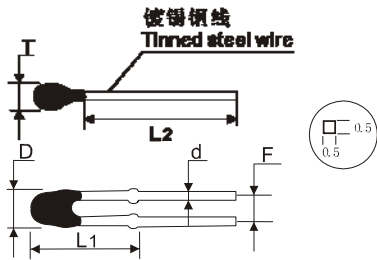
1. Home appliance such as air conditioner, refrigerator, deep freezer, soybean milk machine, bread machine, drinking machine.
2. Medical equipment and apparatus.
3. Temperature control instrument.
4. Electronic present.
5. Electronic temperature humidity meter.
6. Automobile temperature measurement.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

**Marking of Part Number**



**Outlook and Dimension ( Unit: mm)**

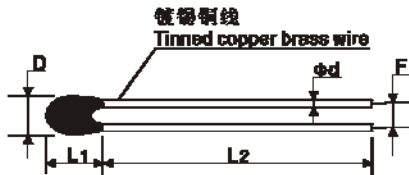
Model A: Tinned steel wire



Standard Dimension

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

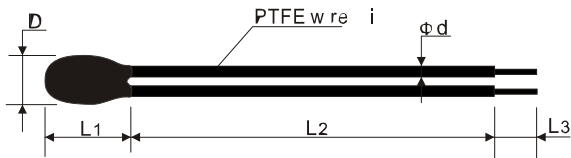
Model E: Tinned copper brass wire



Standard Dimension

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

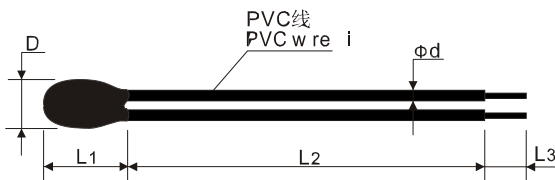
Model C: PTFE wire



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℃	B Value	Rated Power (mW)	Dissipation Factor (mW/℃)	Thermal Time Constant (S)	Operating Temperature (℃)
	R25 (KΩ)	A(B <sub>25/50</sub> ℃)K B (B <sub>25/85</sub> ℃)K	(mw)	(mW/℃)	(S)	(℃)
MF52□-102□3270A	1	3270A	≤50	≥2.0 In still air	≤12 In still air	-55~+125℃
MF52□-102□3950A	1	3950A				
MF52□-202□3470A	2	3470A				
MF52□-202□4000A	2	4000A				
MF52□-202□3930A	2	3930A				
MF52□-202□3483A	2	3483A				
MF52□-2.252K□3935A	2.252	3935A				
MF52□-2.55K□3740A	2.55	3740A				
MF52□-302□3950A	3	3950A				
MF52□-332□3950A	3.3	3950A				
MF52□-472□3470A	4.7	3470A				
MF52□-472□3950A	4.7	3950A				
MF52□-502□3950A	5	3270A				
MF52□-502□3380A	5	3380A				
MF52□-502□3470A	5	3470A				
MF52□-502□3600A	5	3600A				
MF52□-502□3950A	5	3950A				
MF52□-682□3977A	6.8	3977A				
MF52□-682□4200A	6.8	4200A				
MF52□-802□3780A	8	3780A				
MF52□-103□3270A	10	3270A				
MF52□-103□3435B	10	3435B				
MF52□-103□3470A	10	3470A				
MF52□-103□3600A	10	3600A				
MF52□-103□3950A	10	3950A				
MF52□-103□3977B	10	3977B				
MF52□-103□4100A	10	4100A				
MF52□-153□3680A	15	3680A				
MF52□-153□3950A	15	3950A				
MF52□-153□4100A	15	4100A				
MF52□-153□4150A	15	4150A				
MF52□-203□3950A	20	3950A				
MF52□-203□4150B	20	4150B				
MF52□-203□4200A	20	4200A				
MF52□-233□3950A	23	3950A				
MF52□-233□4200A	23	4200A				
MF52□-303□3899A	30	3899A				
MF52□-303□3950A	30	3950A				
MF52□-303□4200A	30	4200A				
MF52□-40.27K□3900A	40.27	3900A				

MF52□-40.27K□3979B	40.27	3979B			
MF52□-403□3950A	40	3950A			
MF52□-473□3950A	47	3950A			
MF52□-473□3990A	47	3990A			
MF52□-473□4150A	47	4150A			
MF52□-49.12K□3979B	49.12	3979B			
MF52□-503□3950A	50	3950A			
MF52□-503□3990A	50	3990A			
MF52□-503□4050A	50	4050A			
MF52□-503□4150A	50	4150A			
MF52□-104□3950A	100	3950A			
MF52□-104□3990A	100	3990A			
MF52□-104□4000A	100	400A			
MF52□-104□4050A	100	4050A			
MF52□-104□4150A	100	4150A			
MF52□-104□4200A	100	4200A			
MF52□-104□4250A	100	4250A			
MF52□-104□4450A	100	4450A			
MF52□-154□4370B	150	4370B			
MF52□-154□4500A	150	4500A			
MF52□-204□4250A	200	4250A			
MF52□-474□4450A	470	4450A			
MF52□-105□4700A	1000	4700A			
MF52□-105□4730A	1000	4730A			

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.