

MF51 Temperature Measurement Radial Glass Hermetic Encapsulation NTC Thermistor

R25(Ω): 2K~1500K

Use: Air-Conditioner. Heating Apparatus

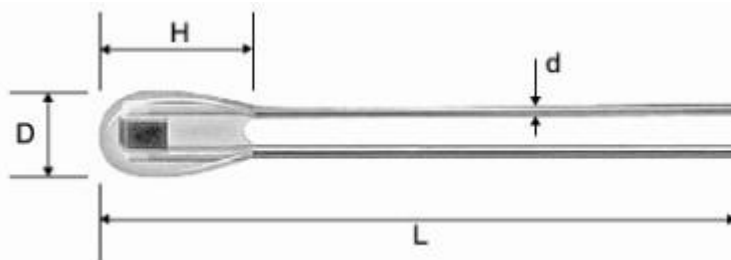
1. Application

- Air-Conditioner.Heating Apparatus
- Electric Thermometer
- Liquid level sensor
- Automobile electronic
- Electric table-board

2. Characteristics

- Small size
- High precision
- Fast resonance
- Good coherence and interchange
- Can be used in high temperature and humidity etc. Worse environment

3. Dimension (mm)



Part number	D	H	L	d
MF51-A	2.0±0.2	3.8±0.5	≥40	0.25±0.02
MF51-B	1.6±0.2	3.2±0.5	≥60	0.25±0.02
MF51-C	1.2±0.2	2.4±0.5	≤60	0.25±0.02

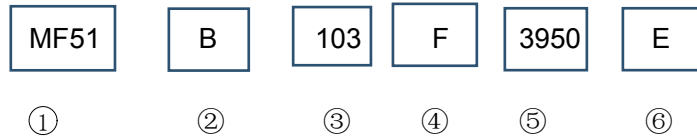
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4.How to order



- ① Type : MF51 Temperature Measurement Radial Glass NTC Thermistor
- ② Configuration Code: B model
- ③ Rated zero power resistance: 103-10K Ohm
- ④ Resistance tolerance : F - $\pm 1\%$, G - $\pm 2\%$, H - $\pm 3\%$, J - $\pm 5\%$, K - $\pm 10\%$
- ⑤ B value : namely 3380K,3950K
- ⑥ B value tolerance : E - $\pm 0.5\%$, F : $\pm 1\%$

4. Main parameters

Part number	Dissi.Coef. mW/°C	Thermal time constant sec	Pmax mW
MF51-A	≈ 1.4	≈ 14	50
MF51-B	≈ 0.9	≈ 7	35
MF51-C	≈ 0.75	≈ 5	15

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	Part number	Rated Resistance R25		B Value(25/85℃)	
		R25(KOhm)	Tolerance	K	Tolerance
Normal model	MF51□□□3435	2~10	±1% ±2% ±3% ±5%	3435	±1% ±2%
	MF51□□□3450	2~10		3450	
	MF51□□□3750	8~10		3750	
	MF51□□□3950	10~50		3950	
	MF51□□□4150	50~100		4150	
	MF51□□□4200	100~350		4200	
	MF51□□□4350	870~980		4350	
	MF51□□□4450	1000~1500		4450	
Special model	MF51□□□3420	R25=2.186 R0=6	±2% ±3% ±5%	3420(B0/100= 3390)	±1% ±2%
	MF51□□□3480	R25=5.369 R0=15		3480(B0/100= 3450)	
	MF51□□□3992	R25=49.12 R100=3.3		3992(B0/100= 3970)	
	MF51□□□4066	R25=98.63 R200=0.55		4066(B0/100= 4300)	
	MF51□□□4240	R25=231.4 R200=1		4240(B0/100= 4537)	

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