

MF58 Series:

Glass encapsulated NTC thermistor

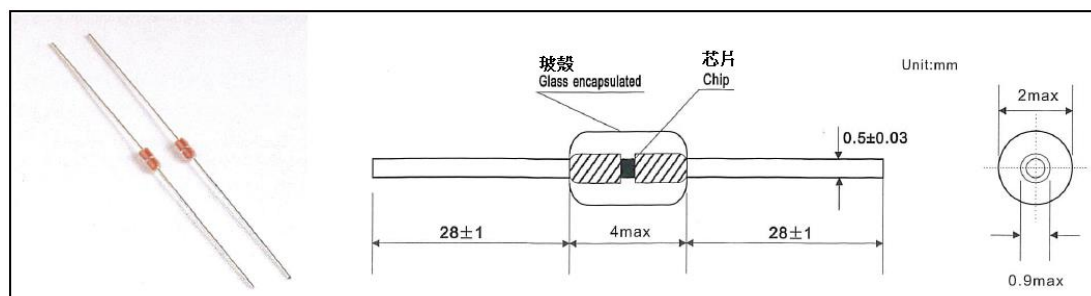
●Features:

1. MF58 series in the form of axial glass encapsulated form.
2. Good stability, high reliability.
3. Wide resistance range: $0.1 \sim 5000K\Omega$
4. High precision resistance and B value.
5. Glass encapsulated, can operate in high temperature and moisture environment.
6. Small dimension, solid, convenient for automatic installation.
7. Operating temperature range: $-40 \sim +300^{\circ}\text{C}$
8. Rated Power: $\leq 50\text{mW}$
9. Fast heat induction, high sensitivity.

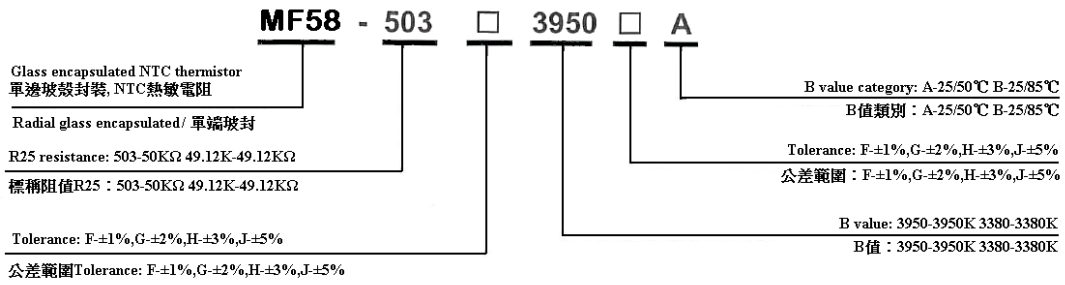
●Application:

1. Home appliance temperature control and inspection, such as induction cooker, voltage boiler, rice cooker, electric oven, disinfection tank, microwave oven, electric warm kiln.
2. Temperature measurement and compensation of office automation equipment, such as copier, printer, etc.
3. Temperature measurement and inspection of industry, medical, environment protection, weather forecast, food processing equipment, etc.
4. Temperature protection of battery pack and battery charger.
5. Temperature compensation of instrument loop, integrated circuit, crystal oscillator and thermocouple.

●Structure & Dimension:



●Marking of Part Number:



●Specification:

Part Number 型號	Resistance @25℃ 額定電阻值(R25)		B Value B值		Specific parameters 特定參數	Operating Temperature 工作溫度(℃)	Dissipation Factor 耗散係數(mW/℃)	Thermal Time Constant 熱時間常數(s)
	Resistance 電阻值(Ω)	Tolerance 公差(±%)	B Value 標稱值(K)	Tolerance 公差(±%)				
MF58-502□3470□A	5		3470					
MF58-103□3435□B	10		3435					
MF58-103□3470□A	10		3470					
MF58-103□3600□A	10		3600					
MF58-103□3700□A	10		3700					
MF58-103□3950□A	10		3950					
MF58-103□4100□A	10		4100					
MF58-203□3950□A	20		3950					
MF58-223□3850□A	22		3850					
MF58-233□4200□A	23		4200		R ₁₀₀ =2.028			
MF58-303□3950□A	30		3950					
MF58-40.27K□3979□B	40.27		3979			-40~+250		
MF58-473□3950□A	47		3950					
MF58-503□3800□B	50		3800					
MF58-503□3950□A	50	1, 2, 3, 5	3950	0.75, 1, 2				
MF58-503□4050□A	50		4050				≥2.0	≤12
MF58-98.63K□4300□(100/200)	98.63		4300		R ₁₀₀ =0.55		静止空气中 In still air	静止空气中 In still air
MF58-104□3899□A	100		3899					
MF58-104□3930□A	100		3930					
MF58-104□3950□A	100		3950					
MF58-104□3990□A	100		3990					
MF58-104□4050□A	100		4050					
MF58-104□4200□A	100		4200					
MF58-204□3899□A	200		3899		R ₁₀₀ =3.0			
MF58-204□4200□A	200		4200					
MF58-204□4260□A	200		4260					
MF58-231.5K□4537□(100/200)	231.5		4537		R ₁₀₀ =1.0			
MF58-504□4250□A	500		4250			-40~+300		
MF58-504□4050□A	500		4050					
MF58-1.388M□4500□A	1388		4500		R ₁₀₀ =4.0			

注: 1. 第一方框填標稱阻值的精度代號, 第二方框填B值的精度代號。

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