

◆ Features

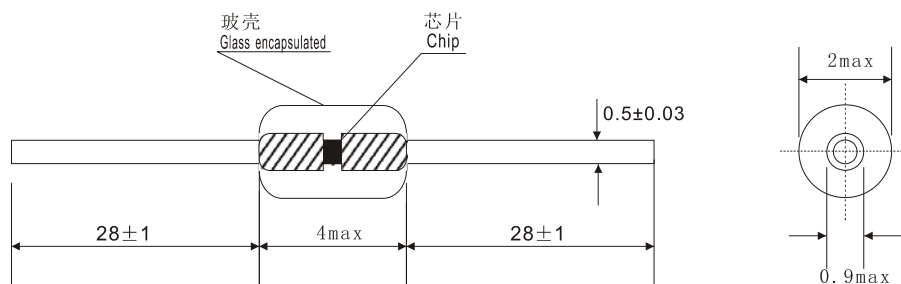
1. MF58 series in the form of axial glass encapsulated form.
2. Good stability, high reliability.
3. Wide resistance range: 0.1~5000KΩ
4. High precision resistance and B value.
5. Glass encapsulated, can operate in high temperature and moisture environment.
6. Small dimension, solid, convenient for automatic installation.
7. Operating temperature range: -45 ~ +300°C
8. Fast heat induction, high sensitivity.



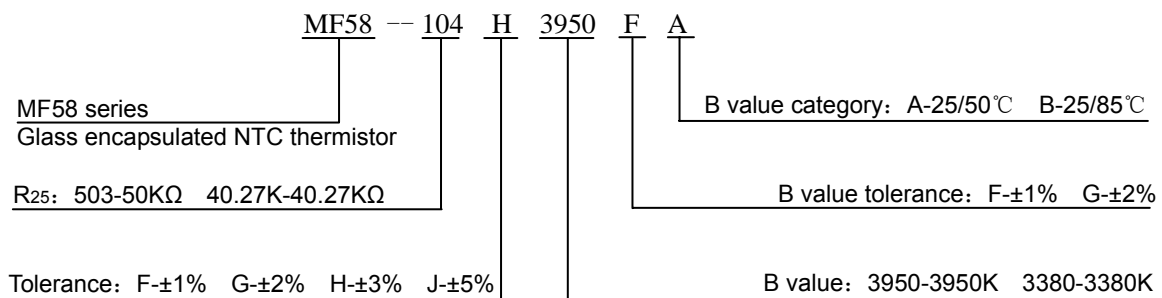
◆ Application

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.

◆ Outlook and Dimension (Unit: mm)



◆ Marking of Part Number





NTC Thermistor

MF58 Glass Encapsulated High Precision NTC Thermistor

Data Sheet

Part Number	Resistance @25°C (R ₂₅)		B Value		Operating Temperature (°C)	Dissipation Factor (mW/°C)	Thermal Time Constant (S)	Rated Power (mW)
	Resistance (KΩ)	Tolerance (±%)	B Value (K)	Tolerance (±%)				
MF58-502□3470□A	5	1、2、3、5	3470	0.5、1、2	-45°C~+250°C	≥2.0 In still air	≤10 In still air	≤50
MF58-5.369K□3434□A	5.369		3434					
MF58-103□3270□A	10		3270					
MF58-103□3435□B	10		3435					
MF58-103□3470□A	10		3470					
MF58-103□3550□A	10		3550					
MF58-103□3600□A	10		3600					
MF58-103□3630□A	10		3630					
MF58-103□3700□A	10		3700					
MF58-103□3899□A	10		3899					
MF58-103□3950□A	10		3950					
MF58-10.74K□3434□A	10.74		3434					
MF58-203□3950□A	20		3950					
MF58-223□3850□A	22		3850					
MF58-303□4020□A	30		4020					
MF58-40.27K□3900□A	40.27		3900					
MF58-473□3950□A	47		3950					
MF58-49.12K□3955□A	49.12		3955					
MF58-503□3800□A	50		3800					
MF58-503□3930□A	50		3930					
MF58-503□3950□A	50		3950					
MF58-503□3990□A	50		3990					
MF58-503□4050□A	50		4050					
MF58-58.5K□3942□A	58.5		3942					
MF58-98.63K□4016□A	98.63		4016					
MF58-104□3700□A	100		3700					
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□4120□A	100		4120					
MF58-104□4200□A	100		4200					
MF58-204□3899□A	200	3899						
MF58-204□4200□A	200	4200						
MF58-204□4260□A	200	4260						
MF58-204□4320□A	200	4320						
MF58-231.4K□4170□A	231.4	4170						
MF58-504□4250□A	500	4250						
					-30°C~+300°C			



NTC Thermistor

MF58 Glass Encapsulated High Precision NTC Thermistor

MF58-504□4050□A	500		4050					
MF58-105□4400□A	1000		4400					
MF58-1.388M□4500□A	1388		4500					
MF58-3.78M□4700□A	3780		4700					

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