

Glass Thermistor Datasheet



1. Introduction to MF58 Glass Thermistor

The glass thermistor, especially the MF58 NTC thermistor, offers high precision and stability for temperature control in various industrial and medical applications. These thermistors are well-known for their glass-encapsulated design, ensuring durability even in extreme environmental conditions. For more information about glass encapsulated MF58 thermistors and their applications, visit our [MF58 NTC product page](#).

2. Technical Specifications of Glass Thermistor MF58

The MF58 NTC thermistor series provides a wide range of resistance and B-value options, such as the MF58-103□3435□B model, which is designed for temperature control across demanding environments. These thermistors are optimal for applications requiring fast response times and low power consumption, operating efficiently between -45°C and +300°C. Discover more about high-performance MF58 NTC thermistors and their various configurations by visiting our [thermistor models page](#).

Specification&Part no.

Item	Part No.	Resistance @25 °C (R 25)		B Value		Rated Power (mW)	Operating Temperature (°C)	Thermal Time Constant (S)	Dissipation Factor (mW/ °C)
		Resistance (KΩ)	Tolerance (±%)	B Value (K)	Tolerance (±%)				
1	MF58-502□3470□A	5		3470			-45°C~ +250°C	≤10 In still air	≥2.0 In still air
2	MF58-5.369K□3434□A	5.369		3434					
3	MF58-103□3270□A	10		3270					
4	MF58-103□3435□B	10		3435					
5	MF58-103□3470□A	10		3470					
6	MF58-103□3550□A	10		3550					
7	MF58-103□3600□A	10		3600					
8	MF58-103□3630□A	10		3630					
9	MF58-103□3700□A	10		3700					
10	MF58-103□3899□A	10		3899					
11	MF58-103□3950□A	10		3950					
12	MF58-10.74K□3434□A	10.74		3434					
13	MF58-203□3950□A	20		3950					
14	MF58-223□3850□A	22		3434					
15	MF58-303□4020□A	30		4020					
16	MF58-40.27K□3900□A	40.27		3900					
17	MF58-473□3950□A	47		3950					
18	MF58-49.12K□3955□A	49.12		3955					
19	MF58-503□3800□A	50		3800					
20	MF58-503□3930□A	50		3930					
21	MF58-503□3950□A	50		3950					
22	MF58-503□3990□A	50	1,2,3,4	3990	0.5,1,2	≤50			
23	MF58-503□4050□A	50		4050					
24	MF58-58.5K□3942□A	58.5		3942					
25	MF58-98.63K□4016□A	98.63		4016					
26	MF58-104□3700□A	100		3700			-30°C~ +300°C		
27	MF58-104□3899□A	100		3899					
28	MF58-104□3930□A	100		3930					
29	MF58-104□3950□A	100		3950					
30	MF58-104□3990□A	100		3990					
31	MF58-104□4050□A	100		4050					
32	MF58-104□4120□A	100		4120					
33	MF58-104□4200□A	100		4200					
34	MF58-204□3899□A	200		3899					
35	MF58-204□4200□A	200		4200					

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36	MF58-204□4260□A	200	4260				
37	MF58-204□4320□A	200	4320				
38	MF58-231.4K□4170□A	231.4	4170				
39	MF58-504□4250□A	500	4250				
40	MF58-504□4050□A	500	4050				
41	MF58-105□4400□A	1000	4400				
42	MF58-1.388M□4500□A	1388	4500				
43	MF58-3.78M□4700□A	3780	4700				

Remarks: First □ for filling in code name of resistance tolerance;Second □ for filling in code name of B value tolerance.

3. Conclusion on the Benefits of MF58 NTC Thermistors

In conclusion, MF58 glass thermistors stand out for their precision and reliability in temperature-sensitive environments. Whether you are managing temperature control in industrial or medical devices, the MF58 NTC thermistor range offers high-quality solutions. For additional details and to explore the complete selection of glass thermistor models, visit our [official product page](#).