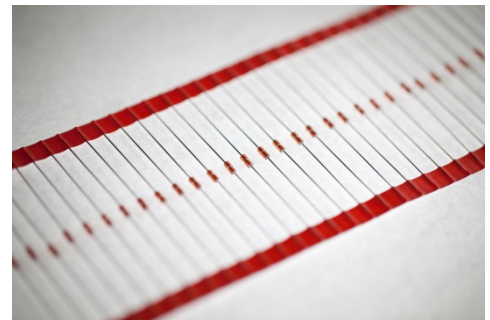


MF58 series high precision NTC thermistor is chip in glass thermistor in small size which is made from new material and by new technique. With the advantage of high precision, fast response, reliable stability, it can be used in air-conditioner, heating apparatus, electric thermometer, liquid level sense, automobile electricity, electrical calendar etc.



Typical Applications

- Air conditioning equipment
- Heating equipment
- Electronic thermometer
- Electronic calendar
- Cell phone batteries
- Office automation facilities

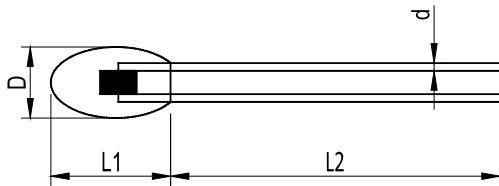
Features

- Small size
- Fast response
- Good interchangeability and consistency
- Radial lead, Axial lead

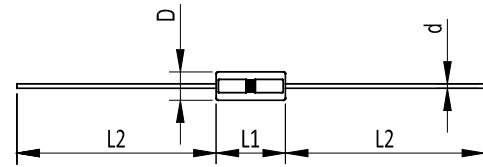
Physical characteristics

Model	Dissi. Coef.(mW/°C)		Thermal time Constant (s)		P _{MAX} (mW)
	In still air	In still air	In still air	In stirred oil	
MF58A	1.2~1.3	10~11	0.9~1.1	≤50	
MF58B	0.7~0.8	4~5	0.3~0.4	≤35	
MF58C	2.4~2.5	8~10	1.1~1.2	≤100	

Dimensions (mm)



MF58A / MF58B



MF58C

Model	D _{MAX}	L1 _{MAX}	L2 _{MAX}	d±0.05
MF58A	2.2	4.1	30	0.25
MF58B	1.5	2.5	30	0.2
MF58C	1.85	3.85	28	0.5

Ordering code

MF58 A xxx x xxxx x
 (1) (2) (3) (4) (5) (6)

- (1) Glass thermistor MF58 series
- (2) Size code :
 Model A: Radial lead glass bead 2.0mm
 Model B: Radial lead glass bead 1.5mm
 Model C: Axial lead glass DO-35 pack

(3) Resistance value at 25°C

(4) Resistance tolerance.

Code	Tolerance (25°C)%	Code	Tolerance (25°C)%
E	±0.5	H	±3.0
F	±1.0	J	±5.0
G	±2.0	K	±10.0

(6) B value Temperature code.

Code	T1/T2
A	25/50(Default)
B	25/85
E	Defined by Customer

(5) Beta value, unit: K.

Electrical characteristics

Model	Resistance		B Value		Operating Temp. °C
	R ₂₅	Tolerance	B	Tolerance	
	kΩ	%	K	%	
MF58□□□3450□	2~10		3450		
MF58□□□3750□	8~10		3750		
MF58□□□3950□	10~50	±1%	3950	±0.5%	
MF58□□□4150□	50~100	±2%	4150	±1%	-40~250
MF58□□□4200□	100~350	±3%	4200	±2%	
MF58□□□4350□	870~980	±5%	4350		
MF58□□□4450□	1000~1500		4450		

Notes:

1. The 1st □ fills with code of dimension.
2. The 2nd □ fills with rated resistance.
3. The 3rd □ fills with resistance precision symbol.
4. The 4th □ fills with B value precision symbol.
5. We will be able to supply products according to client's demands.