

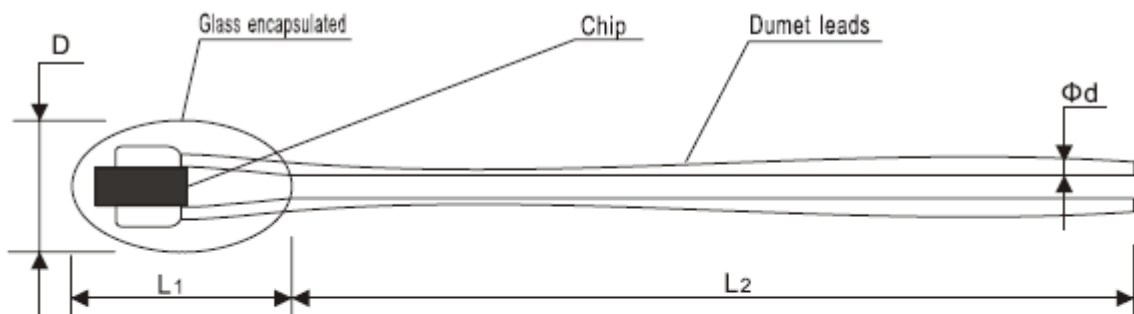
#### 1. Characteristics

- 1.1 MF58D series in the form of radial glass encapsulated form.
- 1.2 Good stability, high reliability.
- 1.3 Wide resistance range: 2~5000K  $\Omega$
- 1.4 High precision resistance and B value.
- 1.5 Glass encapsulated, can operate in high temperature and moisture environment.
- 1.6 Small dimension, solid, convenient for automatic installation.
- 1.7 Operating temperature range: -45 ~ +300°C
- 1.8 Fast heat induction, high sensitivity.

#### 2. Application

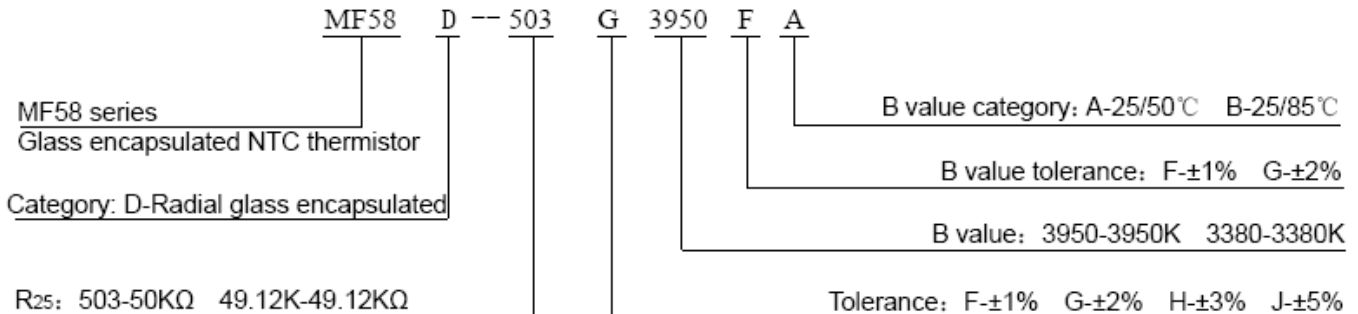
- 2.1 Home appliance temperature control and inspection, such as induction cooker, voltage boiler, rice cooker, electric oven, disinfection tank, microwave oven, electric warm kiln.
- 2.2 Electronic thermometer.
- 2.3 Temperature measurement and inspection for the application of industry, medical, environment protection, weather forecast, food processing equipment, etc.

#### 3. Dimension (Unit : mm)



Dmax	L1max	L2min	$\Phi d \pm 0.05$
1.5	2.5	60	0.2or0.3

#### 4. Part number explanation



#### 5. Data sheet

Part Number	Resistance @25°C (R <sub>25</sub> )		B Value		Operating Temperature (°C)	Dissipation Factor (mW/°C)	Thermal Time Constant (S)	Rated Power (mW)
	Resistance (KΩ)	Tolerance (±%)	B Value (K)	Tolerance (±%)				
MF58D-2.186K□3353□A	2.186	1, 2, 3, 5	3353	0.5, 1, 2	-45°C~+300°C	≥0.5 In still air	≤3 In still air	≤25
MF58D-5.369K□3434□A	5.369		3434					
MF58D-103□3435□B	10		3435					
MF58D-10.74K□3434□A	10.74		3434					
MF58D-473□3950□A	47		3950					
MF58D-49.12K□3955□A	49.12		3955					
MF58D-503□3950□A	50		3950					
MF58D-98.63K□4016□A	98.63		4016					
MF58D-104□3770□B	100		3770					
MF58D-104□4200□A	100		4200					
MF58D-204□4260□A	200		4260					
MF58D-231.4K□4170□A	231.4		4170					
MF58D-504□4250□A	500		4250					
MF58D-105□4400□A	1000		4400					
MF58D-1.388M□4500□A	1388		4500					
MF58D-3.78M□4700□A	3780		4700					

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