

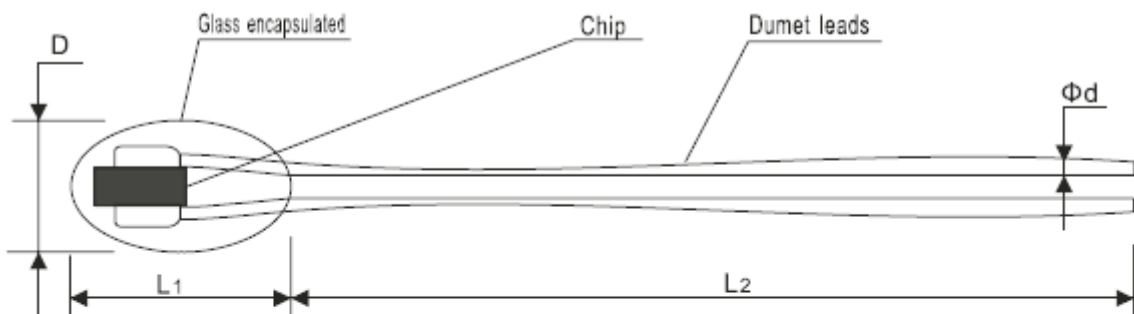
1. Characteristics

- 1.1 SMF58D series in the form of radial glass encapsulated form.
- 1.2 Good stability, high reliability.
- 1.3 Wide resistance range : 2~5000KΩ
- 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

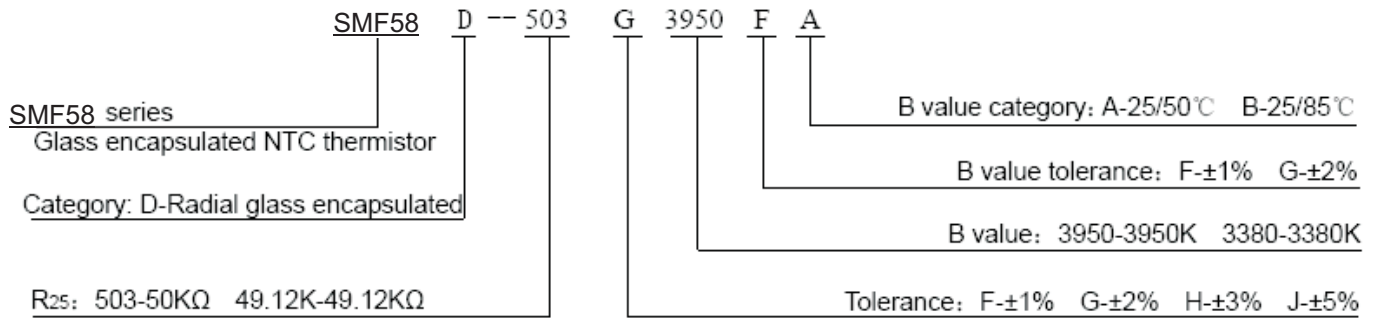
- 2.1 Home appliance temperature control and inspection, such as induction cooker, voltage boiler, rice cooker, electric oven, disinfection tank, microwave oven, electric warm kiln.
- 2.2 Electronic thermometer.
- 2.3 Temperature measurement and inspection for the application of industry, medical, environment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

3. Dimension (Unit : mm)



Dmax	L1max	L2min	Φd±0.05
1.5	2.5	60	0.2or0.3

4. Part number explanation



5. 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 (±%)				
SMF58D-2.186Kx3353xA	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
SMF58D-5.369Kx3434xA	5.369		3434					
SMF58D-103x3435xB	10		3435					
SMF58D-10.74Kx3434xA	10.74		3434					
SMF58D-473x3950xA	47		3950					
SMF58D-49.12Kx3955xA	49.12		3955					
SMF58D-503x3950xA	50		3950					
SMF58D-98.63Kx4016xA	98.63		4016					
SMF58D-104x3770xB	100		3770					
SMF58D-104x4200xA	100		4200					
SMF58D-204x4260xA	200		4260					
SMF58D-231.4Kx4170xA	231.4		4170					
SMF58D-504x4250xA	500		4250					
SMF58D-105x4400xA	1000		4400					
SMF58D-1.388Mx4500xA	1388		4500					
SMF58D-3.78Mx4700xA	3780		4700					

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