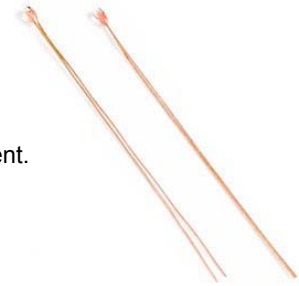


**Features**

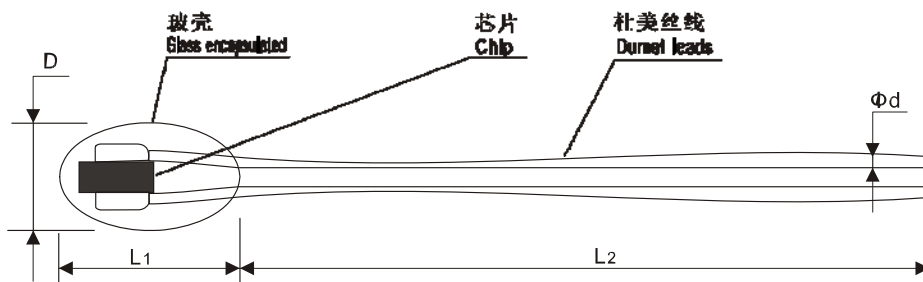
1. MF51□ series in the form of radial glass encapsulated form.
2. Good stability, high reliability.
3. Wide resistance range: 2~5000KΩ
4. High precision resistance and B value.
5. Glass encapsulated, can operate in high temperature and moisture environment.
6. Small dimension, solid, convenient for automatic installation.
7. Operating temperature range: -45 ~ +300°C
8. Fast heat induction, high sensitivity.



**Application**

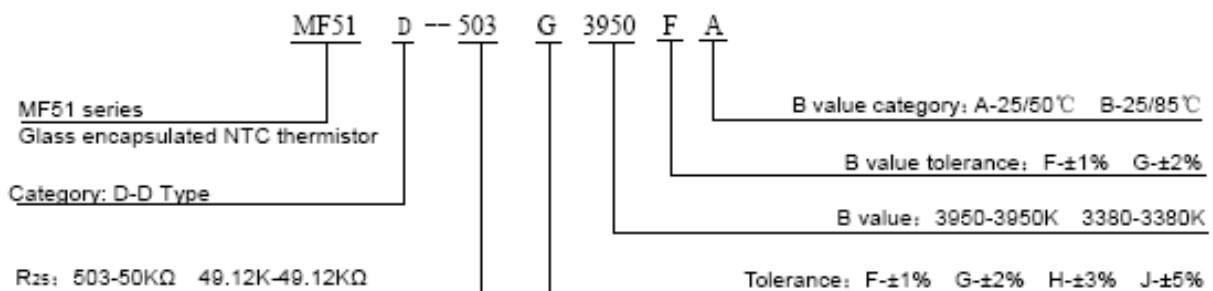
1. Home appliance temperature control and inspection, such as induction cooker, voltage boiler, rice cooker, electric oven, disinfection tank, microwave oven, electric warm kiln.
2. Electronic thermometer.
3. Temperature measurement and inspection for the application of industry, medical , environment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

**Outlook and Dimension (Unit: mm)**



Type	D max	L1max	L2	d±0.05
MF51A	3	4.4	32±5	0.28
MF51B	2.3	3.8	32±5	0.23
MF51C	1.5	2.9	32±5	0.21
MF51D	0.9	1.8	32±5	0.15

**Marking of Part Number**



## 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 (±%)				
MF51□-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
MF51□-5.369K□3434□A	5.369		3434					
MF51□-103□3435□B	10		3435					
MF51□-10.74K□3434□A	10.74		3434					
MF51□-473□3950□A	47		3950					
MF51□-49.12K□3955□A	49.12		3955					
MF51□-503□3950□A	50		3950					
MF51□-98.63K□4016□A	98.63		4016					
MF51□-104□3770□B	100		3770					
MF51□-104□4200□A	100		4200					
MF51□-204□4260□A	200		4260					
MF51□-231.4K□4170□A	231.4		4170					
MF51□-504□4250□A	500		4250					
MF51□-105□4400□A	1000		4400					
MF51□-1.388M□4500□A	1388		4500					
MF51□-3.78M□4700□A	3780		4700					

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