

DG2 series Thermistor

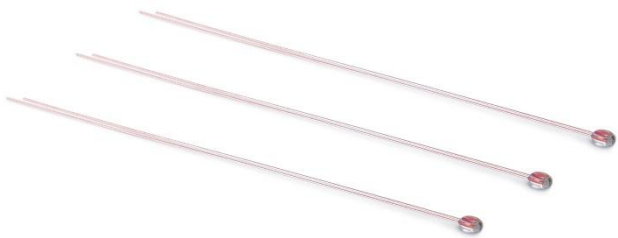
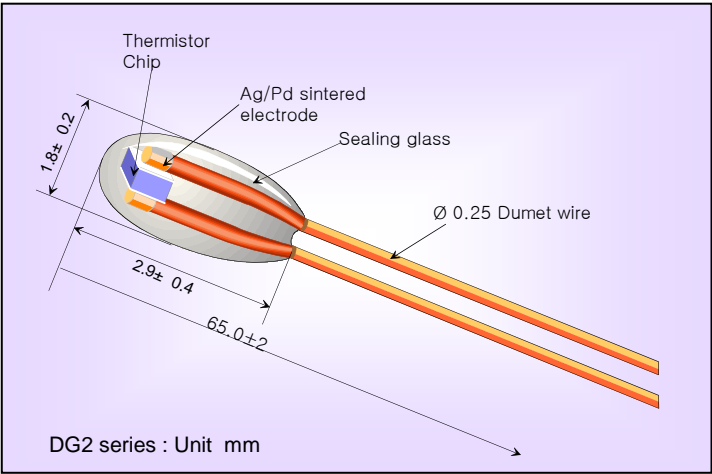
Description

- Glass sealing type thermistor is designed for high environmental reliability and wide temperature range of usage (-50°C ~ 250°C). DG2 series thermistor gives excellent high temperature stability. DG2 series thermistor can be applied to various fields, such as home appliance, automobile, medical, and other industrial applications.

FEATURE

- Ø 1.8 mm standard size
- Excellent stability at high temperature
- Excellent stability at high humidity condition (tight glass sealing)
- Cost effective design

Shape and Dimension



Electrical and thermal characteristics

ITEM	Characteristics	REMARK
Thermal time constant	8 sec (6.5~9.5 sec)	In still air
Dissipation constant	0.9 ~ 1.4 mW/°C	In still air
Insulation resistance	Min 25MΩ (500VDC)	Beteen lead and glass
operating temperature	-50°C ~ 250°C	

■ Part No. Information

DG2	A	103	H	B	-X
1	2	3	4	5	6
type	Curve type	Resistance Value	Resistance tolerance	Reference temp.(°C)	optional code
DG1 : Φ 1.8 mm Glass type thermistor	R-T curve characteristics	502=50X100 =5.0KΩ 303=30X1000 =30.0KΩ  10.74 = 10.74KΩ	F : R±1%,B±1% G : R±2%,B±2% H : R±3%,B±2% J : R±5%,B±2%	A : 0°C B : 25°C C : 50°C D : 70°C F : 100°C G : 150°C H : 200°C	blank : no plating -S : Tin plating -N : Ni plating

■ Part No. List

Part No.	Specification			B constant		
	temperature(°C)	Resistance(KΩ)	Tol(%)			
DG2C8.514HD	70	8.51	3%	0/100	3970	2%
DG2C8.514JD	70	8.51	5%	0/100	3970	2%
DG2B103FB	25	10.00	1%	25/85	3435	1%
DG2B103HB	25	10.00	3%	25/85	3435	2%

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