

Diode type thermistor

DA series thermistor

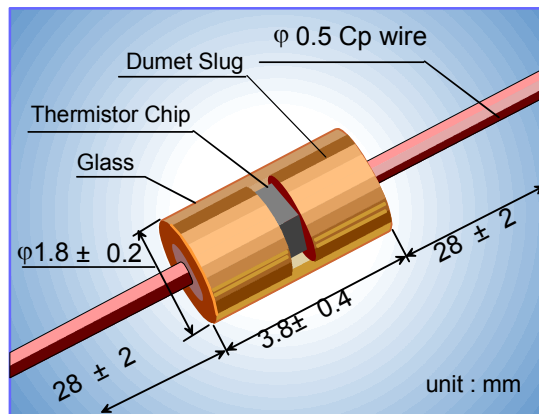
Description

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

Feature

- ▶ DO35 package standard size
- ▶ Excellent stability at high temperature
- ▶ Excellent stability at high humidity condition

Shape and dimension



Electrical and thermal characteristics

Item	Characteristics	remark
Thermal time constant	12sec(10~15sec)	in still air
Dissipation constant	1.9~3.0 mW/°C	in still air
Insulation resistance	Min 100MΩ (500VDC)	between lead and glass
operating temperature	- 50°C ~ 250°C	

Explanation of Part No.

DA	A	10.00	F	B	-1	A
1	2	3	4	5	6	7
Type	Curve Type	Resistance Value(kΩ)	Resistance Tolerance	Reference Temperature(°C)	Plating Type	Taping Type
Diode Type Thermistor with Axial Leads	R-T Curve	EX) 2.186 6.000 10.74 230.4 . . .	F = R±1% G = R±2% H = R±3% J = R±5% B = R±2.5% . . .	A : 0°C B : 25°C C : 50°C D : 70°C S : 75°C E : 85°C F : 100°C G : 150°C H : 200°C	Blank : No Plating -1 : Sn Plating -2 : Ni Plating	Blank : No Taping A : Ammo Taping (5mm Pitch) B : R Taping

Part No. List

Part No.	Normal Resistance	B-Value
DAA 10.00 □ B	R0 = 10.00 kΩ	B25/85 = 3970K
DAA 20.00 □ B	R25 = 20.00 kΩ	
DAA 100.0 □ B	R25 = 100.0 kΩ	
DAB 10.00 □ B	R25 = 10 kΩ	B25/85 = 3435K
DAB 27.62 □ A	R0 = 27.62 kΩ	B0/25 = 3309K
DAC 49.12 □ B	R25 = 49.12 kΩ	B25/85 = 3990K
DAC 8.542 □ S	R70 = 8.541 kΩ	B0/100 = 3970K
DAC 3.300 □ F	R100 = 3.3 kΩ	B0/100 = 3970K
DAD 100.0 □ B	R25 = 100 kΩ	B25/85 = 4060K
DAD 6.280 □ F	R100 = 6.28 kΩ	B0/100 = 4000K
DAD 0.550 □ H	R200 = 0.55 kΩ	B100/200 = 4330K
DAE 230.0 □ B	R25 = 230 kΩ	B25/85 = 4250K
DAE 13.06 □ F	R100 = 13.06 kΩ	B0/100 = 4210K
DAE 102.0 □ H	R200 = 1.00 kΩ	B100/200 = 4550K
DAF 13.29 □ A	R0 = 13.29 kΩ	B0/25 = 3160K
DAF 5.000 □ B	R25 = 5 kΩ	B25/85 = 3324K
DAG 6.000 □ A	R0 = 6.0 kΩ	B0/25 = 3290K
DAG 2.186 □ B	R25 = 2.186 kΩ	B25/85 = 3420K
DAJ 15.00 □ A	R0 = 15 kΩ	B0/25 = 3347K
DAJ 5.369 □ B	R25 = 5.369 kΩ	B25/85 = 3480K
DAJ 10.74 □ B	R25 = 10.74 kΩ	B25/85 = 3480K

-No plating, Tin plating, Nickel plating is available (By customers request)
- If you need other spec. please contact to us