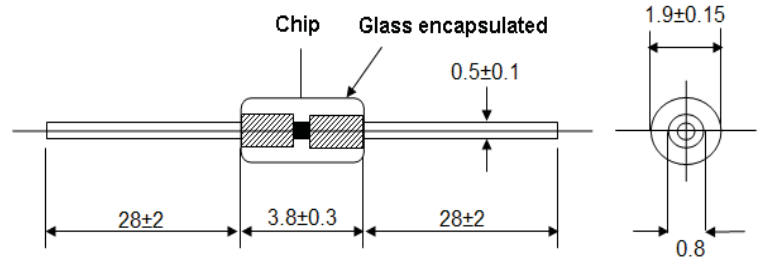


DT Series



FEATURES

- Low cost
- High stability
- Glass sealed body for high reliability

The DT series thermistor is a thermistor sensor with a DO35 package, which possesses highly reliable and offers a wide operating range of $-30\text{ }^{\circ}\text{C}$ to $250\text{ }^{\circ}\text{C}$. They can be employed for home electric appliances and high temperature applications.

SPECIFICATIONS

Item	Symbol	Conditions	Specification	Unit
Resistance at T_a	R_{25}	$T_a = 25\text{ }^{\circ}\text{C}$	1,000 ~ 100,000	Ω
B constant	B	$25\text{ }^{\circ}\text{C} / 85\text{ }^{\circ}\text{C}$	3100 ~ 4665	K
Thermal dissipation constant	C	$T_a = 25\text{ }^{\circ}\text{C}$	2	$\text{mW}/^{\circ}\text{C}$
Thermal time constant	T	$T_a = 25\text{ }^{\circ}\text{C}$	20	sec
Operating temp. range	---	---	- 30 ~ 250	$^{\circ}\text{C}$



ORDERING INFORMATION

ES DT 103 H 3435 F

E WAY Sensor

Diode Type Thermistor

Resistance at 25°C :

- 102 = 10 x 10² = 1,000 Ω
- 103 = 10 x 10³ = 10,000 Ω
- 104 = 10 x 10⁴ = 100,000 Ω

R Tolerance :

- F:±1% ; G:±2% ; H:±3% ; J:±5% ; K:±10%

B Value (K) :

B Tolerance :

- F:±1% ; G:±2% ; H:±3% ; J:±5%