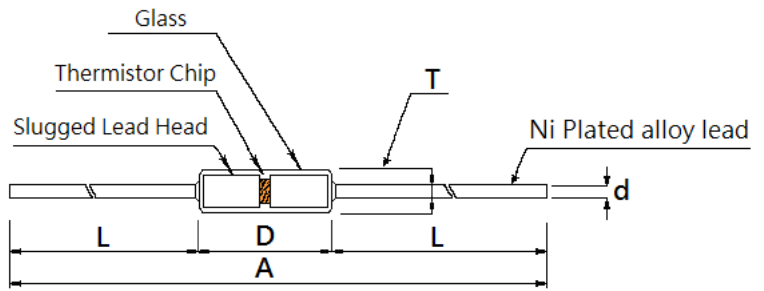
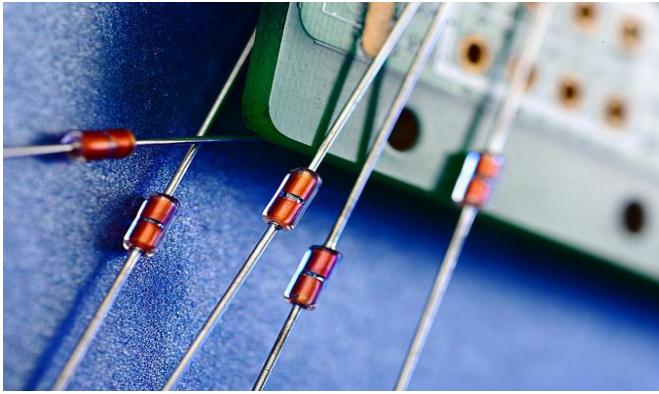


UDT Series



FEATURES:

- High stability and best price.
- The **UDT** Series is a thermistor sensor in a DO 35 package. It is highly reliable and offer a wide operating range of -50°C to 250°C .
- Excellent thermal cycle endurance.
- They can be employed for home electric appliances and high temperature applications.
- Glass sealed body for high reliability.

	A	D	T	L	d
Size (mm)	4.0	3.8	2.0	28.0	0.50
Tol (mm)	± 0.5	± 0.6	± 0.5	± 0.5	± 0.05

SPECIFICATIONS

Temperature rating -40°C to 200°C

B value : 3470K ~4450K

Determined by rated zero-power Resistance at 25°C and 85°C

R25 **B25/85**

Rated zero-power 3 K ohms
5 K ohms

Resistance value at 25°C 10 K ohms
20 K ohms
30 K ohms
47 K ohms
50 K ohms
100 K ohms
150 K ohms
200 K ohms
470 K ohms
1 M K ohms

Tolerance $\pm 1\%$ $\pm 3\%$ $\pm 5\%$

Dissipation constant Min. 2.4mW/ $^{\circ}\text{C}$

Thermal time constant Max 15 seconds in still air.

Maximum power Rating 250mw at 25°C

Tolerance $\pm 1\%$ $\pm 2\%$ $\pm 3\%$ $\pm 5\%$

Order Map UDT - 103



Series Code
Temperature

Res .value
at 25°C

Sensor 10 x 3 Ω

Res. tolerance

F : 1%
G : 2%
H : 3%
J : 5%

B value
 $25^{\circ}\text{C}/85^{\circ}\text{C}$