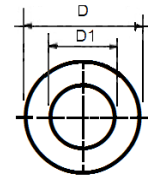
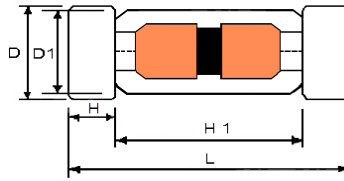


UDS Series



FEATURES:

- High stability and best price.
- The **UDS** Series is a thermistor sensor in a DO 35 SMD Diode 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.

SPECIFICATIONS

Temperature rating -40°C to 200°C

B value : 3470K ~4450K

Determined by rated zero-power

R25

B25/85

Resistance at 25°C and 85°C

Rated zero-power

Resistance value at 25°C

5 K ohms
10 K ohms
47 K ohms
50 K ohms
100 K ohms
150 K ohms
220 K ohms
474 K ohms
1 M K ohms

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

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

Thermal time constant Max 15 seconds in still air.

Maximum power Rating 250mw at 25°C

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

Order Map U

DS

103



-



Series Code
Unix Tech
Sensor

Type
SMD Diode
thermistor

Res .value
at 25°C
 $10 \times 3 \Omega$

Res. tolerance
F : 1%
H : 3%
J : 5%

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