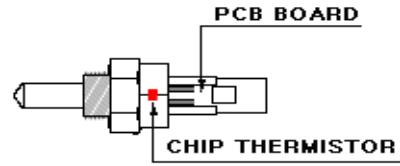


UCP Series



FEATURES

- High stability and best price.
- The **UCP** 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 .
- They can be employed for home electric appliances and high temperature applications.
- Excellent thermal cycle endurance.
- Glass sealed body for high reliability.

SPECIFICATIONS

Temperature rating -40°C to 250°C **B value :** 3470K ~4200K

Determined by rated zero-power

Resistance at 25°C and 85°C

R25

Rated zero-power 3 K ohms
5 K ohms
Resistance value at 25°C 10 K ohms
50 K ohms
100 K ohms
150 K ohms
200 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 $\pm 1\%$ $\pm 2\%$ $\pm 3\%$

Order Map UCP - 103 -

Series Code	Res. value	Res. tolerance	B value
Temperature Sensor	at 25°C 10 x 3 Ω	F: 1% H: 3% J: 5%	$25^{\circ}\text{C}/85^{\circ}\text{C}$