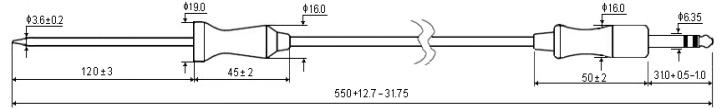


UBQ Series



FEATURES:

- High stability and best price.
- The **UBQ Series** is a thermistor sensor in a UGT Series 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 -50°C to 250°C **B value : 100/200 $^{\circ}\text{C}$** 4300K \pm 3%

Determined by rated zero-power

R75 13.319~14.715K Ω **Resistance at 100 $^{\circ}\text{C}$ and 200 $^{\circ}\text{C}$**

Insulation resistance $\geq 50\text{M}\Omega/\text{DC}500\text{V}$

Dissipation constant 5 mW/ $^{\circ}\text{C}$ at 25°C , in still Air

Thermal time constant Typically 16 \pm 5 seconds in still air.

Maximum power Rating 100mw at 25°C

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

Order Map UBQ - 103 □ - □□ □□□□ - □□□□

Series Code	Res. value	Res. tolerance	Leads Gauge	Lengths	B value
Temperature Sensor	at 25°C	F : 1% H : 3% J : 5%	AWG Number	Exp : 400: 400 mm	$25^{\circ}\text{C}/85^{\circ}\text{C}$