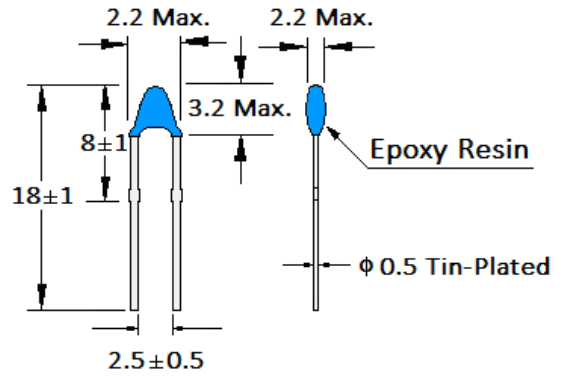


UHAT Series



FEATURES:

- Low cost, high stability.
- The UHAT series thermistors is a high-performance thermal sensing device.
- They insure temperature precision of $\pm 0.3\text{ }^{\circ}\text{C}$ and can be employed for very accurate temperature control or compensation.
- Excellent thermal cycle endurance and they small B-value tolerance and resistance.
- No adjust between the control circuit and the sensor.
- They are also useful for insert to PCB in the constant length.

SPECIFICATIONS

Temperature rating	-40 $^{\circ}\text{C}$ to 125 $^{\circ}\text{C}$	B value :	3325K ~ 4750
Determined by rated zero-power Resistance at 25$^{\circ}\text{C}$ and 85$^{\circ}\text{C}$			
Resistance value at 25$^{\circ}\text{C}$	1 K ohms 2 K ohms 3.3 K ohms 5 K ohms 10 K ohms 15 K ohms 33 K ohms 47 K ohms 50 K ohms 100 K ohms 470 K ohms	Tolerance	$\pm 1\%$ $\pm 3\%$ $\pm 5\%$
		Dissipation constant	2mW/ $^{\circ}\text{C}$
		Thermal time constant	Typically 15 seconds in air.
		Maximum power Rating	10-15 mw at 25 $^{\circ}\text{C}$
Tolerance	$\pm 1\%$ $\pm 3\%$ $\pm 5\%$		

Order Map	UHAT	103	<input type="checkbox"/>	-	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
	Series Code	Resistance	Res. Tolerance		B value	Wire Forming
	Temperature Sensor	at 25 $^{\circ}\text{C}$ 10 x 3 Ω	F : $\pm 1\%$ H : $\pm 3\%$ J : $\pm 5\%$			