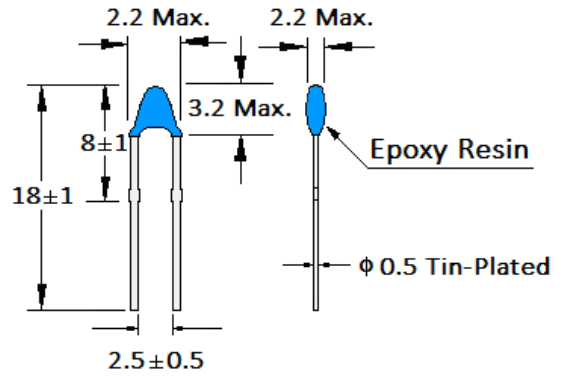


# UHAT Series



## 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

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

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 $\Omega$	F : $\pm 1\%$ H : $\pm 3\%$ J : $\pm 5\%$			