



### FEATURES:

- High stability and best price.
- Excellent thermal cycle endurance
- Glass sealed body for high reliability.
- RoHS exemption
- UL1434 Certification

The DT series thermistor is a thermal sensor in a DO35 package. It is highly reliable and offers a wide operating range of -50 °C to 250°C. They can be employed for home electric appliances and high temperature applications.

### SPECIFICATIONS

<b>Temperature ranges</b>	-50°C to 250°C	<b>B value:</b> 3270K, 3450K, 3695K, 3977K, 4080K, 4262K, 4391K
<b>R<sub>25</sub> :</b>	5,000 ohms	<b>Determined by rated zero-power</b>
<b>Rated Zero-power</b>	10,000 ohms	<b>resistance at 25 °C and 85 °C</b>
<b>resistance value at 25 °C</b>	15,000 ohms	
	20,000 ohms	
	30,000 ohms	
	47,000 ohms	
	50,000 ohms	
	100,000 ohms	
	200,000 ohms	
	500,000 ohms	
<b>Tolerances</b>	±1% ±3% ±5%	<b>Tolerances</b> ±1% ±2%
		<b>Dissipation constant</b> Min. 2.4 mW/ °C
		<b>Thermal time constant</b> Max. 3 seconds in still air
		<b>Maximum power rating</b> 250 mW (at 25 °C )

### Ordering Map

