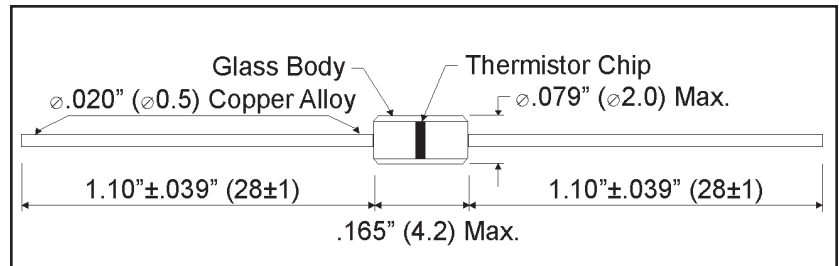
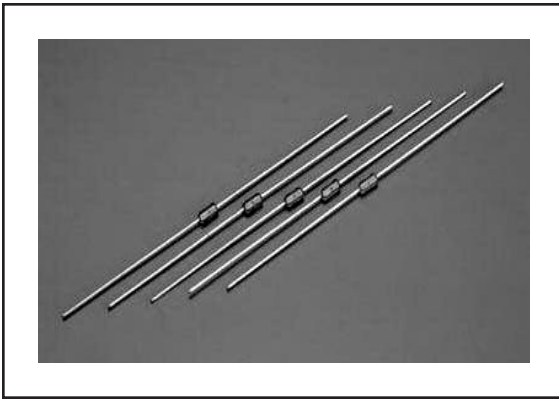


DO-35 Glass Encapsulated NTC Thermistors

DT Series



FEATURES

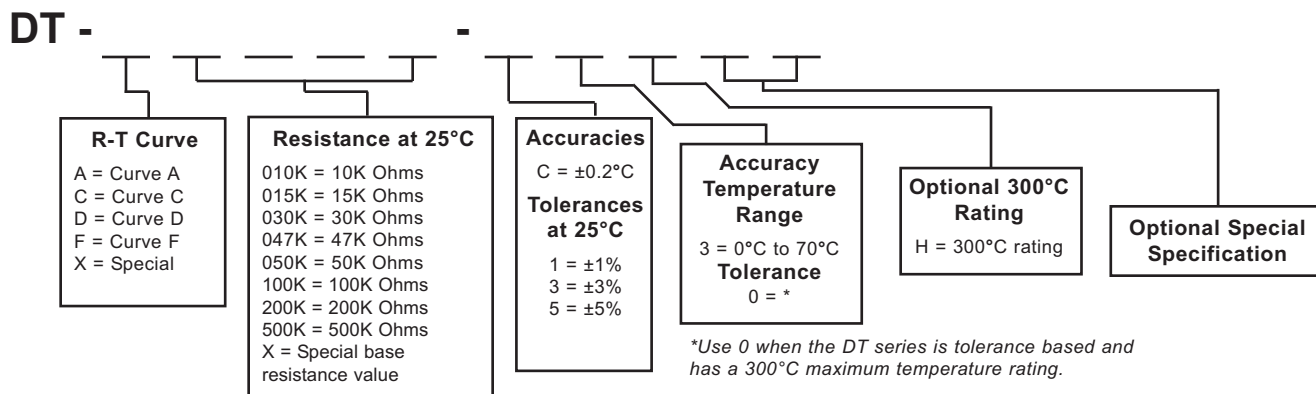
- Glass sealed body for high reliability
- Excellent thermal cycle endurance
- Optional interchangeable accuracy
- Some DTs with UL1434 Certification
- High stability and low cost
- Leads may be cut or formed
- 250C or 300C thermal rating
- RoHS Compliant

The DT thermistor is a DO-35 NTC thermistor and is available with a tolerance at 25°C or with an interchangeable accuracy of $\pm 0.2^\circ\text{C}$ over 0° to 70°C . This is highly stable thermistor can be PCB mounted or packaged in a protective housing to meet your application requirements.

SPECIFICATIONS

Temperature range	-50°C to 250°C	Curves/Betas (25/85)	A Curve = 3977K B Curve = 3942K D Curve = 4262K F Curve = 3425K Other Curves/Betas available upon request
Continuous operating temp range	-50°C to 200°C	Accuracy	$\pm 0.2^\circ\text{C}$ over 0°C to 70°C
Optional temperature range	-50°C to 300°C	Tolerances at 25°C	$\pm 1\%$, $\pm 3\%$, $\pm 5\%$
Continuous operating temp range	-50°C to 260°C	Dissipation constant	2.0 mW/°C in still air 2.5 mW/°C in stirred oil
Resistance at 25°C	10,000 Ohms 15,000 Ohms 30,000 Ohms 47,000 Ohms 50,000 Ohms 100,000 Ohms 200,000 Ohms 500,000 Ohms	Thermal time constant	Typically 3.0 seconds in still air Typically 1.0 seconds in stirred oil
		Maximum power rating	250 mW at 25°C to 100 mW at 100°C

ORDERING MAP



Note: Some of the DT Series part numbers may have UL 1434 certification. Please contact Selco Products or visit our website for availability.

Note: Other thermistor base resistance values, thermistor curves or Beta values, or tolerances may be available. Please contact Selco Products.