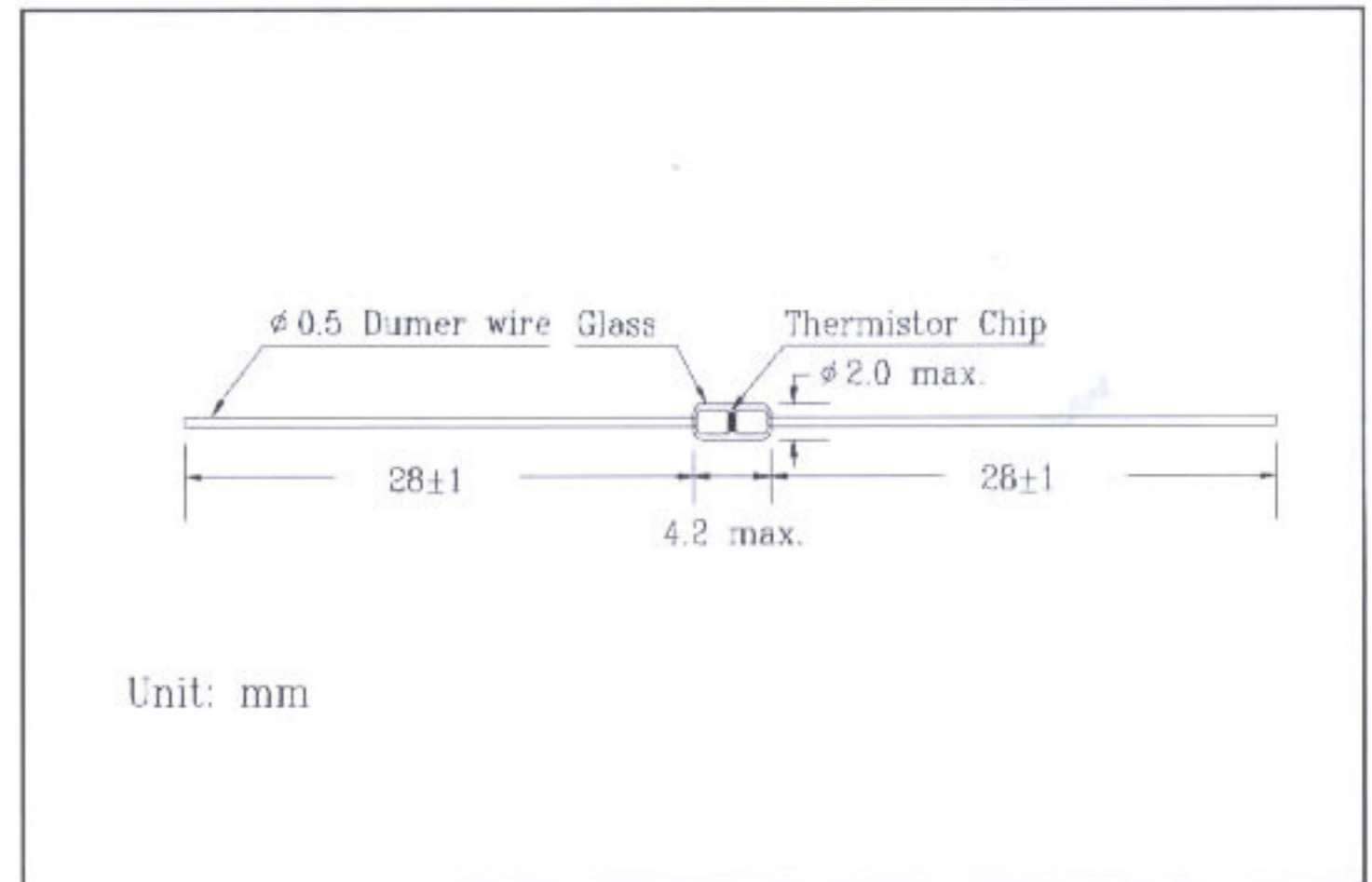
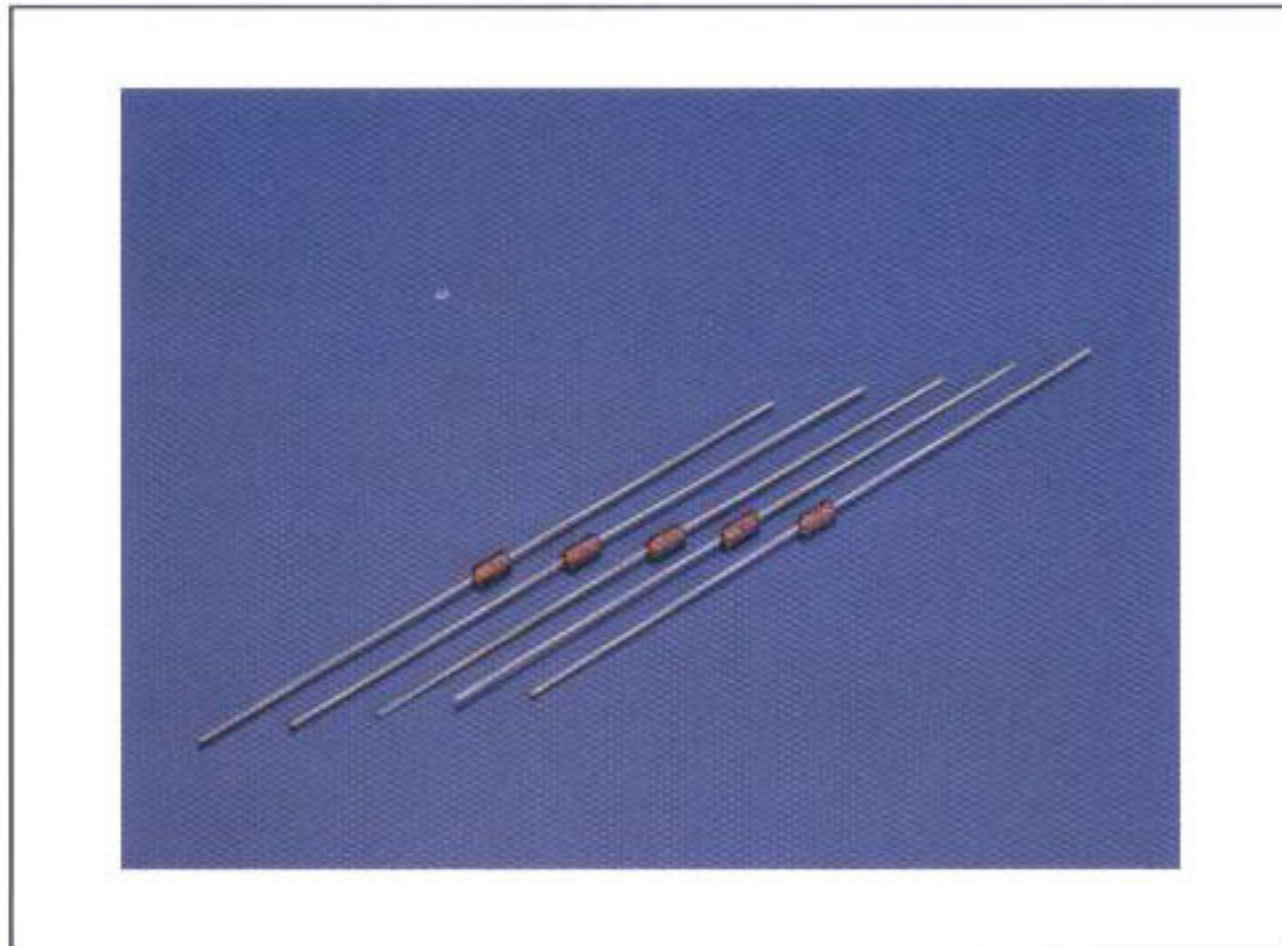


Diode Type Thermistors

DT Series



FEATURES:

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

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

Temperature ranges	-50°C to 250°C
R₂₅ :	B_{25/85}
Rated Zero-power resistance value at 25°C	10,000 ohms.....3970K
	15,000 ohms.....3970K
	30,000 ohms.....3970K
	47,000 ohms.....4080K
	50,000 ohms.....4080K
	100,000 ohms.....4080K
	200,000 ohms.....4391K
Tolerances	$\pm 5\%$

B value: 3970K, 4080K, 4391K

Determined by rated zero-power resistance at 25°C and 85°C

Tolerances $\pm 2\%$

Dissipation constant Min. 2.4 mW/ $^{\circ}\text{C}$

Thermal time constant Max. 15 seconds in still air

Maximum power rating 250 mW (at 25°C)

Ordering Map

