DO-41 Standard Glass Encapsulated Thermistors

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U.S. Sensor's low cost glass encapsulated thermistors are manufactured using super stable NTC chips which are hermetically sealed in a glass (DO-41 diode style) package. The result is a device which exhibits excellent long term reliability and stability even when subjected to severe environmental or thermal conditions. Their uniform dimensions and axial lead configuration make them especially suitable for use with automatic insertion equipment.

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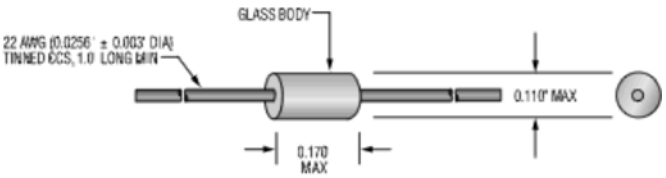
Features

- High temperature capability to 300°C
- Hermetically sealed glass package
- Low cost
- High stability
- High voltage insulation
- Tinned CCS lead wires are solderable or weldable

Options

- Non-standard resistance values and tolerances
- Point matched at specified temperatures

GLASS ENCAPSULATED THERMISTOR



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Specifications

- Thermal time constant: 8 seconds max (still air)
- Thermal time constant: 2 seconds max (stirred liquid)
- Dissipation constant: 3 mW/°C (still air)

DO-41 STANDARD GLASS ENCAPSULATED THERMISTORS (300°C)

Part Number	Resistance Ohms @25°C	* Resistance Tol. ± %	R-T Curve	Beta (K) 0-50°C	View R-T Chart
501FH1K	500	10	F	3419	
102FH1K	1000	10	F	3420	
302JH1K	3000	10	J	3890	
502JH1K	5000	10	J	3890	

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