



DO-35 Interchangeable Glass Encapsulated Thermistors

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U.S. Sensor's low cost interchangeable glass encapsulated thermistors are manufactured using super stable, precision NTC chips which are hermetically sealed in a glass (DO-35 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.

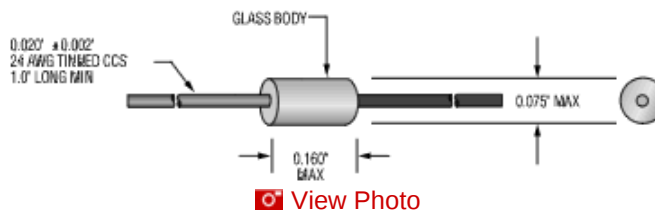
Features

- 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

- Special lead forms
- Non-standard resistance values and tolerances
- Point matched at specified temperatures
- Tape and reel packaging

GLASS ENCAPSULATED THERMISTOR



Specifications

- Thermal time constant: 5 seconds (still air)
- Thermal time constant: 0.5 seconds (stirred liquid)
- Dissipation constant: 2 mW/°C (still air)

DO-35 INTERCHANGEABLE GLASS ENCAPSULATED (300°C) ± 0.5°C Accuracy

Part Number (± 0.5°C 0-100°C)	Resistance Ohms @25°C	R-T Curve	Beta (K) 0-50°C	View R-T Chart
103JL1A	10000	J	3890	
203JL1A	20000	J	3890	
253JL1A	25000	J	3890	
503JL1A	50000	J	3890	
104JL1A	100000	J	3890	

DO-35 INTERCHANGEABLE GLASS ENCAPSULATED (300°C) ± 1.0°C Accuracy

Part Number (± 1.0°C 0-100°C)	Resistance Ohms @25°C	R-T Curve	Beta (K) 0-50°C	View R-T Chart
103JM1A	10000	J	3890	
203JM1A	20000	J	3890	
253JM1A	25000	J	3890	
503JM1A	50000	J	3890	
104JM1A	100000	J	3890	