



## Standard Leaded Epoxy Coated Thermistors 0.125" Maximum Body Diameter

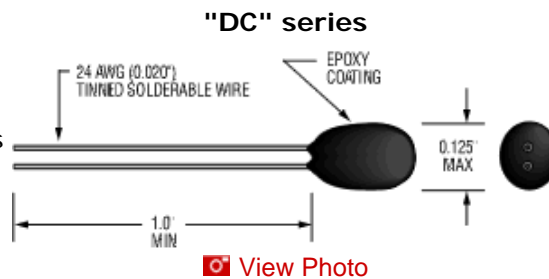
U.S. Sensor's standard leaded epoxy coated thermistors are manufactured using the same state of the art manufacturing techniques as those used to produce U.S. Sensor's precision interchangeable devices. This results in devices with superior long term reliability characteristics, making them especially suitable for temperature measurement, temperature control and temperature compensation applications.

### Features

- Low cost
- High stability
- Small size
- Epoxy encapsulated
- Fast thermal response

### Options

- Special lead materials and lengths
- Special encapsulants or probe housings
- Non-standard resistance values and tolerances
- Point matched at specified temperatures Specifications



### Specifications

- Thermal time constant: 2 seconds max. in a well stirred oil bath, 15 seconds max. in still air
- Dissipation constant: 3 mW/°C

### STANDARD LEADED EPOXY COATED (150°C, B CURVE 100°C)

Part Number	Resistance Ohms @25°C	* Resistance Tol. ± %	R-T Curve	Beta (K) 0-50°C	Max Operating Temp (C)	View R-T Chart
DC101B2K	100	10	B	2930	100	<a href="#">View R-T Chart</a>
DC102F2K	1000	10	F	3420	150	<a href="#">View R-T Chart</a>
DC222J2K	2252	10	J	3890	150	<a href="#">View R-T Chart</a>
DC302J2K	3000	10	J	3890	150	<a href="#">View R-T Chart</a>
DC502J2K	5000	10	J	3890	150	<a href="#">View R-T Chart</a>
DC103G2K	10000	10	G	3575	150	<a href="#">View R-T Chart</a>
DC103J2K	10000	10	J	3890	150	<a href="#">View R-T Chart</a>
DC203J2K	20000	10	J	3890	150	<a href="#">View R-T Chart</a>
DC303J2K	30000	10	J	3890	150	<a href="#">View R-T Chart</a>
DC503J2K	50000	10	J	3890	150	<a href="#">View R-T Chart</a>
DC104R2K	100000	10	R	4140	150	<a href="#">View R-T Chart</a>

\* Resistance tolerances ± 1%, 2%, and 5% are available upon request

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### Product Guide

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- [RTD's Probes & Assemblies](#)

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