



## Surface Mount End-Banded Chip Thermistors 1206 Style

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### U.S. Sensor

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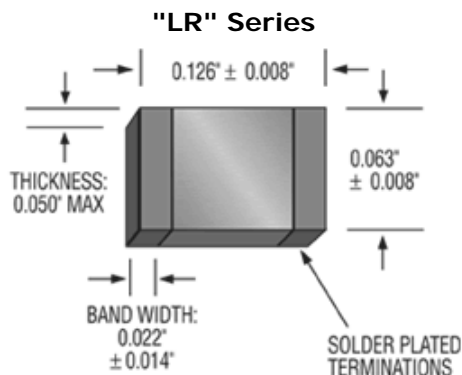
U.S. Sensor's surface mount end-banded thermistor elements are designed for use on hybrid substrates, integrated circuits or printed circuit boards. They have a solder coated metallization which is suitable for various contact techniques including wire bond, epoxy or solder. Since they are manufactured using the most advanced equipment and technology available, their dimensional parameters are extremely uniform making the devices especially suitable for use with automatic handling and placement equipment.

### Features

- Surface mountable
- Small size
- Low cost
- Nickel Barrier
- Rated to 125°C operating temperature

### Options

- Non-standard resistance values and tolerances
- Special electrode materials
- Special dimensions
- Tape and reel packaging
- Solder coated metallization



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### Specifications

- Thermal time constant: 10 seconds max
- Dissipation constant: 1 mW/°C

### SURFACE MOUNT END BANDED CHIP THERMISTORS 1206 STYLE (125°C)

Part Number	Resistance Ohms @25°C	* Resistance Tol. ± %	Beta (K) 0-50°C	View R-T Chart
LR501D0J	500	5	3250	<a href="#">View Chart</a>
LR102D0J	1000	5	3250	<a href="#">View Chart</a>
LR252L0J	2500	5	4100	<a href="#">View Chart</a>
LR502F0J	5000	5	3550	<a href="#">View Chart</a>
LR103G0J	10000	5	3750	<a href="#">View Chart</a>
LR303K0J	30000	5	4000	<a href="#">View Chart</a>
LR503K0J	50000	5	4000	<a href="#">View Chart</a>
LR104R0J	100000	5	4250	<a href="#">View Chart</a>
LR204R0J	200000	5	4250	<a href="#">View Chart</a>
LR504V0J	500000	5	4350	<a href="#">View Chart</a>

\* Resistance tolerances ± 1%, 2%, 3% and 10% are available upon request