



Surface Mount End-Banded Chip Thermistors 1206 Style

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.



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U.S. Sensor
1832 W. Collins Ave
Orange, CA 92867
Tel: 800-777-6467
Tel: 714-639-1000
Fax: 714-639-1220
Email: sales@ussensor.com

Features

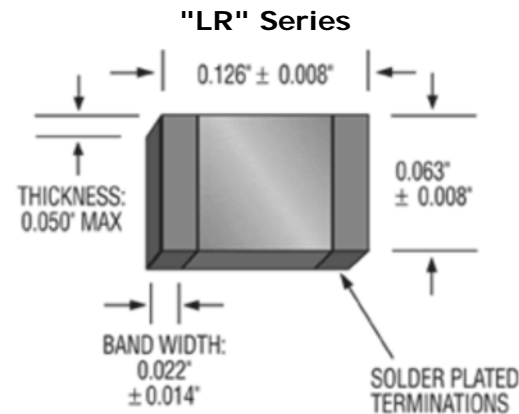
- Surface mountable
- Small size
- Low cost
- Nickel Barrier
- Rated to 125°C operating temperature

Options

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











Specifications

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



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

Part Number	Resistance Ohms @25°C	* Resistance Tol. ± %	Beta (K) 25-85°C	View R-T Chart
LR501D0J	500	5	3250	
LR102D0J	1000	5	3250	
LR252L0J	2500	5	4100	
LR502F0J	5000	5	3550	
LR103G0J	10000	5	3750	
LR303K0J	30000	5	4000	
LR503L0J	50000	5	4000	
LR104R0J	100000	5	4250	
LR204R0J	200000	5	4250	
LR504V0J	500000	5	4350	

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

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