



Surface Mount End-Banded Chip Thermistors 0603 Style

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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

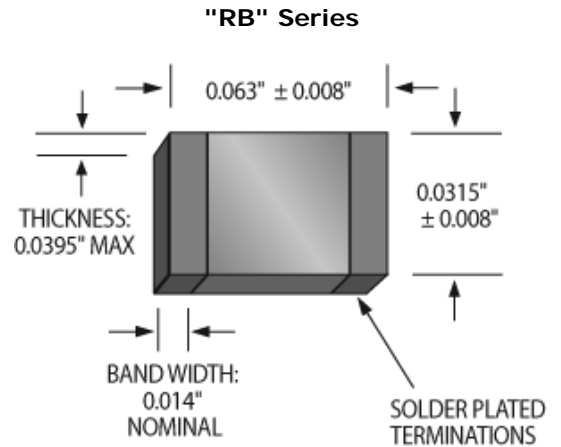
- Nickel Barrier
- Rated to 125°C operating temperature

Options

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

Specifications

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



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SURFACE MOUNT END BANDED CHIP THERMISTORS 0603 STYLE (125°C)

Part Number	Resistance Ohms @25°C	* Resistance Tol. ± %	Beta (K) 25-85°C	View R-T Chart
RB501DOJ	500	5	3200	View Chart
RB102DOJ	1000	5	3250	View Chart
RB252LOJ	2500	5	4100	View Chart
RB502FOJ	5000	5	3550	View Chart
RB103EOJ	10000	5	3435	View Chart
RB103GOJ	10000	5	3750	View Chart
RB103JOJ	10000	5	3976	View Chart
RB103KOJ	10000	5	4000	View Chart
RB303KOJ	30000	5	4000	View Chart
RB503KOJ	50000	5	4000	View Chart
RB104LOJ	100000	5	4150	View Chart
RB204ROJ	200000	5	4250	View Chart

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

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