



Surface Mount End-Banded Chip Thermistors 0402 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

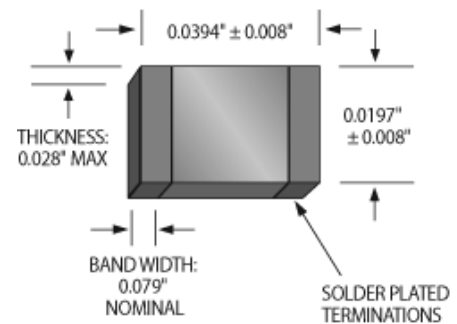
Options

- 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

"RA" Series



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SURFACE MOUNT END BANDED CHIP THERMISTORS 0402 STYLE (125°C)

Part Number	Resistance Ohms @25°C	* Resistance Tol. ± %	Beta (K) 25-85°C	View R-T Chart
RA102E0J	1000	5	3300	View
RA252L0J	2500	5	4100	View
RA402L0J	4000	5	4100	View
RA103G0J	10000	5	3800	View
RA103J0J	10000	5	3976	View
RA303K0J	30000	5	4000	View
RA473K0J	47000	5	4000	View
RA104R0J	100000	5	4250	View
RA204R0J	200000	5	4250	View

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

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