



**Surface Mount End-Banded Chip Thermistors 0402 Style**

**Company Information**

- [About U. S. Sensor](#)
- [Mission Statement](#)
- [Newsletter \(PDF\)](#)
- [Employment Opportunities](#)

**Product Guide**

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

**Technical Data**

- [What is a thermistor](#)
- [Terminology](#)
- [Manufacturing Quality](#)

**Markets and Applications**

**Find a Sales Rep/ Distributor**

**Contact Us**

**Home**

**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

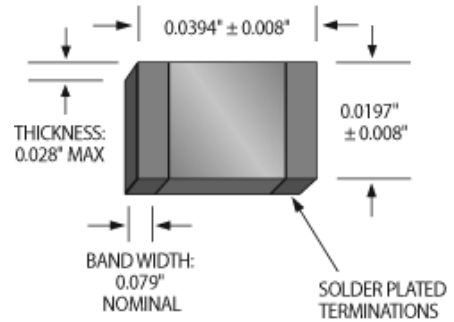
**Options**

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

**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	<a href="#">View</a>
RA252L0J	2500	5	4100	<a href="#">View</a>
RA402L0J	4000	5	4100	<a href="#">View</a>
RA103G0J	10000	5	3800	<a href="#">View</a>
RA103J0J	10000	5	3976	<a href="#">View</a>
RA303K0J	30000	5	4000	<a href="#">View</a>
RA473K0J	47000	5	4000	<a href="#">View</a>
RA104R0J	100000	5	4250	<a href="#">View</a>
RA204R0J	200000	5	4250	<a href="#">View</a>

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

[« Product Guide](#)

[Top^](#)

[« Previous](#) [Next »](#)