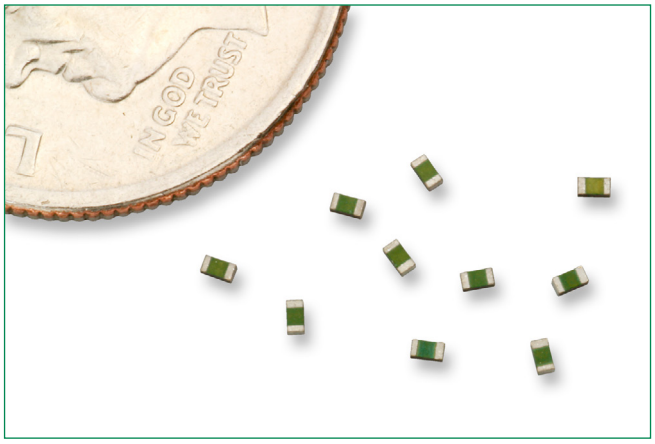
RA Series 0402 End-Banded Chip Thermistors



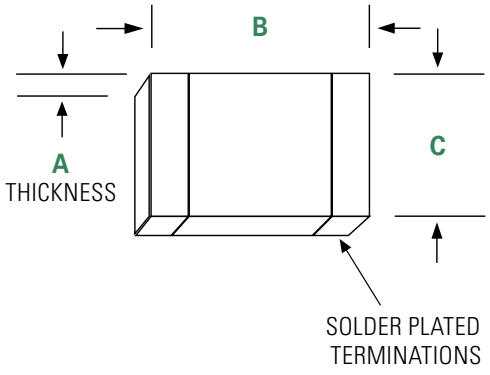
Description

Littelfuse 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.

Options

- Non-standard resistance values and tolerances
- Tape and reel packaging
- Solder coated metallization

Dimensions



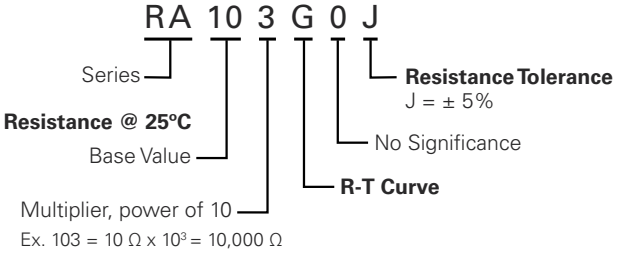
Dimensions shown in inches.

A	B	C
0.208" Max	0.0394" ± 0.008"	0.0197" ± 0.008"

Features

- Surface mountable
- Small size
- Low cost
- Nickel Barrier

Part Numbering System



Note: Not all combinations of Part Number codes are available. Contact Littelfuse for details.

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Specifications

Part Number	Resistance Ohms @25°C	*Resistance Tol. ± % @ 25°C	Temperature Coefficient (% / °C) @ 25°C	Maximum Power Rating	Beta (K) 0-50°C	Beta (K) 25-85°C	Temperature Rating (°C)
RA103G0J	10000	5	_	40	_	3800	-40 to +125
RA103J0J	10000	5	-4.4	_	_	3976	-40 to +125
RA103J0Q	10000	1	-4.4	_	3900	_	-40 to +125
RA303K0J	30000	5	_	40	_	4000	-40 to +125
RA473K0J	47000	5	_	40	_	4000	-40 to +125
RA104R0J	100000	5	_	40	_	4250	-40 to +125
RA204R0J	200000	5	_	40	_	4250	-40 to +125

*Resistance tolerances of ± 1%, 2%, and 5% are available upon request

Packaging

EIA-481	Packaging Code	Standard
Tape and Reel	-TR	EIA-481