



# RTI Electronics, Inc.

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IMB Electronic Products

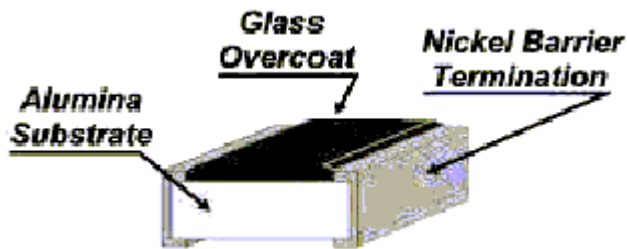


## RTI Surface Mount

### NTC Thermistors

### TR Series

- Standard EIA Sizes Available
- Bulk or Tape and Reel Packaging
- Two Sided & Wrap Around Terminations
- Nickel barrier Terminations



### SIZE

Units	0603		0805	
	Inches	Millimeters	Inches	Millimeters
Length	0.063 ±0.006	1.60 ±0.150	0.080 ±0.008	2.00 ±0.20
Width	0.0315 ±0.006	0.80 ±0.15	0.050 ±0.004	1.25 ±0.10
Height	0.020 ±0.004	0.50 ±0.10	0.020 ±0.004	0.50 ±0.10
Termination	0.0012 ±0.0079	0.30 ±0.2	0.0016 ±0.008	0.40 ±0.20

**TR SERIES STANDARD PRODUCTS**

Part Number Size 0603	Part Number Size 0805	Resistance @ 25°C ±10% (Ohms)	Temperature Coefficient (□@25°C)
TR0603A251K	TR0805A251K	250	-3.3%/°C
TR0603A501K	TR0805A501K	500	-3.3%/°C
TR0603102K	TR0805J102K	1.0K	-3.5%/°C
TR0603J252K	TR0805J252K	2.5K	-3.5%/°C
TR0603B502K	TR0805B502K	5.0K	-3.9%/°C
TR0603B103K	TR0805B103K	10K	-3.9%/°C
TR0603C203K	TR0805C203K	20K	-4.4%/°C
TR0603C253K	TR0805C253K	25K	-4.4%/°C
TR0603C503K	TR0805C503K	50K	-4.4%/°C
TR0603W104K	TR0805W104K	100K	-4.7%/°C
TR0603W154K	TR0805W154K	150K	-4.7%/°C

**Ordering Information**

<u>Model</u>	<u>0805</u>	<u>A</u>	<u>251</u>	<u>K</u>	<u>X</u>
<u>TR</u>	↓ <u>Size</u>	↓ <u>R-T Curve</u>	↓ <u>Resistance*</u>	↓ <u>Tolerance**</u>	↓ <u>Termination***</u>

- Resistance value: First two digits are resistance value, third is the number of zeroes. Example: 251 = 250 ohms.  
\*\* Tolerances available: K = ±10% and J = ±5%.  
\*\*\*Terminations: No letter = Nickel Barrier (Consult factory for optional terminations)
- For tape and reel add suffix -T/R

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