

- Heaters
- Humidity Sensors
- Temperature Sensors
- Thermal Cutoffs
- Thermistors & Probes
 - > Chip Series Standard NTC Thermistors
 - > Disc Thermistors
 - > E-I Matched Bead Thermistors
 - > Surface Mounted, End-Banded NTC Thermistors
 - > Glass Encapsulated Chip Thermistors
 - > Glass Probes
 - > ICL Inrush Current Limiter Thermistors
 - > ISO-Curve Glass Bead and Glass Probe Thermistors
 - > Linear Thermistor Network (LTN)
 - > Posi-Chip Series PTC Thermistors
 - > Resistance-Temperature Conversion Tables
- Thermostats

Quick Links

- Products & Applications
- Contact Us
- Request Free Literature

Honeywell Sensing and Control



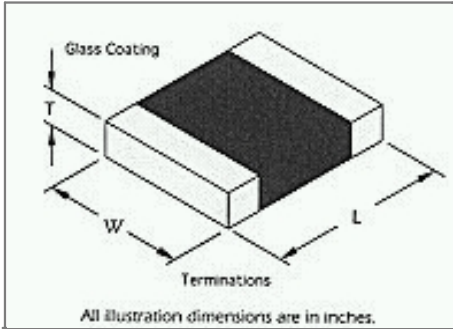
Surface Mounted, End-Banded NTC Thermistors



Honeywell Surface Mounted, End-Banded NTC Thermistors are designed to be mounted onto rigid or flexible PC boards using robotic technology. They are particularly well suited for PC boards with a high density of discrete components. The solder-plated Ni-barrier terminations are easily soldered and meet ANSI/J STD-002 Method B. The thermistor is designed to withstand solder temperatures of 260 °C for 30 seconds.

Features

- Surface mountable for automated pick and place
- Glass coated ceramic for long-term reliability
- Solder-plated nickel
- Offered in tape and reel for automated assembly
- Rated to 150 °C operating temperature
- T.C. 10 s
D.C. 3.5 mW



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Surface Mounted, End - Banded Chips						
EIA Pkg.	Catalog Listing *	Length	Width	Thickness	Termination Width	
0805	173-xxxxxx -301	.079 ± .008	.049 ± .008	.051 (max.)	.020 ± .010	
1206	175-xxxxxx -301	.126 ± .008	.063 ± .008	.059 (max.)	.025 ± .015	

* Use the last 2 digits of the part number to designate packing requirements: B1 = Bulk Pack, K1 = 1,000/reel, O1 = 3,500/reel.

Electrical Characteristics (** 5 % Tolerance @ 25 °C)	
Resistance (Ohm)	R-T Curve	Catalog Listing 0805 Package	Catalog Listing 1206 Package
500	8	173-501AAF-301	175-501AAF-301
5K	24	173-502GAF-301	175-502GAF-301
10K	16	173-103LAF-301	175-103LAF-301
15K	16	173-153LAF-301	175-153LAF-301
33K	16	173-333LAF-301	175-333LAF-301
50K	16	173-503LAF-301	175-503LAF-301
100K	18	173-104KAF-301	175-104KAF-301
500K	1	173-504OAF-301	175-504OAF-301

** 2 %, 3 %, 5 %, 10 % tolerance units are also available.