

- 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)
 - > Post-Chip Series PTC Thermistors
 - > Resistance-Temperature Conversion Tables

- Thermostats

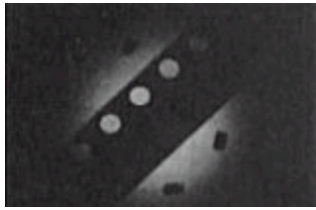
Quick Links

- Products & Applications
- Contact Us
- Request Free Literature

Honeywell Sensing and Control



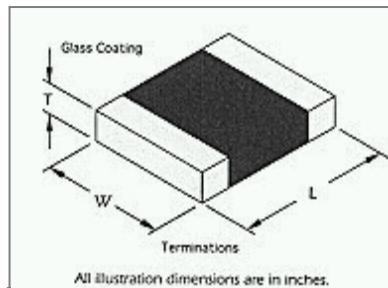
Surface Mounted, End-Banded NTC Thermistors



Honeywell Surface Mounted, EndBanded 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



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.