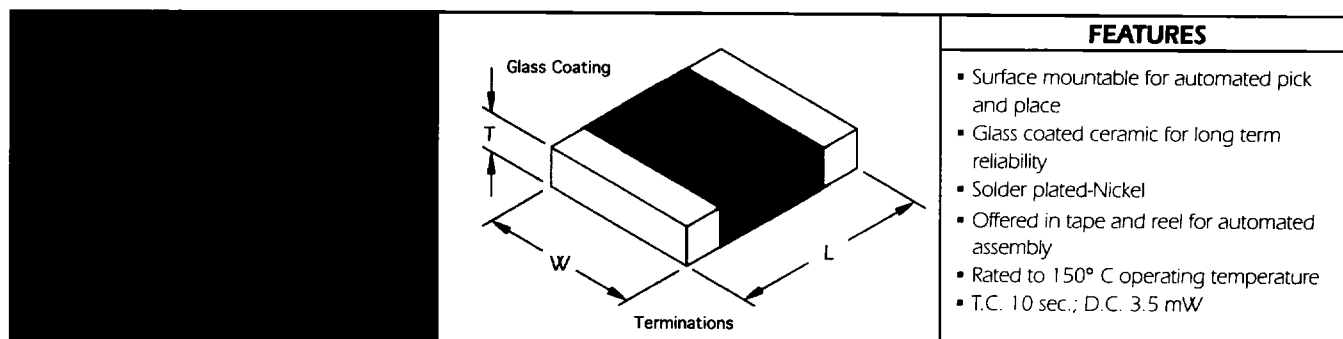


SURFACE MOUNTED, END-BANDED CHIPS



All illustration dimensions are in inches.

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.

SURFACE MOUNTED, END-BANDED CHIPS			
Parameter	Specification		
EIA Package Designation	0603	0805	1206
Part Number	172-xxxxxx-301	173-xxxxxx-301	175-xxxxxx-301
Length (L)	.063 ± .006	.079 ± .008	.126 ± .008
Width (W)	.031 ± .006	.049 ± .008	.063 ± .008
Thickness (T)	.038 MAX	.051 MAX	.059 MAX
Termination Width	.015 ± .010	.020 ± .010	.025 ± .015

ELECTRICAL CHARACTERISTICS ** 5% Tolerance @ 25° C				
Resis. at 25° C (Ohms)	R-T Curve	Part Number 0603 Package	Part Number 0805 Package	Part Number 1206 Package
500	8	172-501AAF-301 Ⓣ	173-501AAF-301	175-501AAF-301
5K	24	172-502GAF-301 Ⓣ	173-502GAF-301	175-502GAF-301
10K	16	172-103LAF-301 Ⓣ	173-103LAF-301	175-103LAF-301
15K	16	172-153LAF-301 Ⓣ	173-153LAF-301	175-153LAF-301
33K	16	172-333LAF-301 Ⓣ	173-333LAF-301	175-333LAF-301
50K	16	172-503LAF-301 Ⓣ	173-503LAF-301	175-503LAF-301
100K	18	172-104KAF-301 Ⓣ	173-104KAF-301	175-104KAF-301
500K	1	172-504QAF-301 Ⓣ	173-504QAF-301	175-504QAF-301

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

Ⓣ = Distributor item

Note: Use the last 2 digits of the part number to designate packaging requirements: B1 = Bulk Pack, K1 = 1,000/reel, 01 = 3,500/reel.