



175-502GAF-301 Discrete Thermistors

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175 Series, surface mounted device 1206, 5,000 Ohm resistance, $\pm 5.0\%$ tolerance, 25/85 BETA = 3550

Actual product appearance may vary.

Description

173 Series and 175 Series Thermistors are designed to be mounted using robotics onto rigid or flexible PC boards. They are particularly suited for PC boards with a high density of discrete components. The solder-plated, nickel barrier terminations are easily soldered and meet ANSI/J-STD-002 Method B. These products are designed to withstand solder temperatures of 260 °C for 30 seconds. Available on tape and reel for automated assembly.

Features

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- Surface mountable for automated pick and place
- Glass-coated ceramic for long term reliability
- Solder plated nickel
- Versatile
- Solderable leads
- Available on tape and reel

Potential Applications

- Consumer electronics
- PCB temperature sensing
- Communications
- Computers
- Rechargeable battery packs
- Low-cost applications with a maximum temperature of 150 °C [302 °F]
- Automotive