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173-333LAC-3B1



Surface mounted device 0805

Actual product appearance may vary.

Features

- 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

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/JSTD-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.

Supporting Documentation

None Available

| Product Specifications              |                                        |
|-------------------------------------|----------------------------------------|
| Availability                        | Global                                 |
| Nominal Resistance at 25 °C [77 °F] | 33,000 Ohm                             |
| Tolerance                           | ± 1.0%                                 |
| Accuracy                            | 25 °C [77 °F]                          |
| R- T Curve                          | 16                                     |
| Operating Temperature Range         | - 60 °C to 125 °C [ - 76 °F to 257 °F] |
| Maximum Diameter                    | EIA 0805 SMD                           |
| Time Constant in Air                | 10.0 s                                 |
| Dissipation Constant                | 3,5 m/W°C                              |
| Series Name                         | 173                                    |

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