



### 135-503LAG-J01 Discrete Thermistors

(Home : Products)



135 Series, glass encapsulated chip DO-35 type, 50,000 Ohm resistance,  $\pm 10.0\%$  tolerance, 25/85 BETA = 3974

*Actual product appearance may vary.*

#### Description

135 Series Thermistors are high-quality, hermetically-sealed, glass-encapsulated units in an axial lead package. They cover the full temperature range of  $-60\text{ }^{\circ}\text{C}$  to  $300\text{ }^{\circ}\text{C}$  [ $-76\text{ }^{\circ}\text{F}$  to  $572\text{ }^{\circ}\text{F}$ ]. The uniform dimensions are often suited for automated assembly. The tinned copper-clad, steel leads are both solderable and weldable. These rugged sensors are designed for many applications which demand reliability at low cost. Available on tape and reel for automated assembly.

#### Features

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- Cost effective
- Rugged DO-35 glass encapsulation
- High temperature capability
- Available on tape and reel

#### Potential Applications

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- Consumer electronics
- PCB temperature sensing
- Communications
- Fire detection
- Computers
- Low-cost applications with a maximum temperature of  $300\text{ }^{\circ}\text{C}$  [ $615\text{ }^{\circ}\text{F}$ ]
- Automotive

### Product Specifications

Availability	Global
Resistance	50,000 Ohm
Tolerance	±10.0%
Accuracy	25 °C [77 °F]
Beta	3974
Operating Temperature	-60 °C to 300 °C [-76 °F to 572 °F]
Diameter	2,0 mm [0.080 in]
Termination Material	Tinned copper-clad steel
Lead Length	28,6 mm [1.125 in]
Time Constant in Air	4.0 s
Dissipation Constant	2,5 m/W°C
Series Name	135