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135-503LAG-J01



Actual product appearance may vary.

Glass encapsulated chip DO -35 type

Features

- Cost effective
- Rugged DO35 glass encapsulation
- High temperature capability
- Available on tape and reel

Potential Applications

- Consumer electronics
- PCB temperature sensing
- Communications
- Fire detection
- Computers
- Low-cost applications with a maximum temperature of 300 °C [615 °F]
- Automotive

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 °C to 300 °C [-76 °F to 572 °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.

Supporting Documentation

None Available

Product Specifications	
Availability	Global
Nominal Resistance at 25 °C [77 °F]	50,000 Ohm
Tolerance	± 10.0%
Accuracy	25 °C [77 °F]
R - T Curve	16
Operating Temperature Range	- 60 °C to 300 °C [- 76 °F to 572 °F]
Maximum 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

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