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## 135-105QAF-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] | 1,000,000 Ohm                          |
| Tolerance                           | ± 5.0%                                 |
| Accuracy                            | 25 °C [77 °F]                          |
| R - T Curve                         | 1                                      |
| 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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