



112-103FAJ-B01 Discrete Thermistors

(Home : Products)



Actual product appearance may vary.

112 Series, large glass bead with adjacent leads, 10,000 Ohm resistance, $\pm 20.0\%$ tolerance, 25/85 BETA = 3669

Description

112 Series Thermistors are hermetically sealed in glass. They are designed for use in low cost, general purpose temperature measurement and control applications. These small sensors provide maximum stability when used to 300 °C [572 °F] for high temperature design requirements.

Features

Features

- Hermetically sealed
- Rapid response times
- Excellent long-term stability
- High reliability
- Weldable platinum iridium leads

Potential Applications

Potential Applications

- Military
- Aerospace
- Oceanographic
- Medical

Product Specifications

| | |
|-----------------------|-------------------------------------|
| Availability | Global |
| Resistance | 10,000 Ohm |
| Tolerance | ±20.0% |
| Accuracy | 25 °C [77 °F] |
| Beta | 3669 |
| Operating Temperature | -60 °C to 300 °C [-76 °F to 572 °F] |
| Diameter | 1,14 mm [0.045 in] |
| Termination Material | Platinum iridium |
| Lead Length | 9,6 mm [0.375 in] |
| Time Constant in Air | 4.0 s |
| Dissipation Constant | 0,4 m/W°C |
| Series Name | 112 |