



Home> Products > Discrete Thermistors > 112 > Product Page

Order Product and Get Support

- U.S. Authorized Distributors
- Global Sales & Service
- N. American Sales Reps
- Distributor Inventory
- Technical Assistance
- White Papers
- Literature Request
- Test and Measurement Catalog
- RoHS Product List
- Customer Feedback

112-503JAJ-B01



Actual product appearance may vary.

Large glass bead with adjacent leads

Features

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

Potential Applications

- Military
- Aerospace
- Oceanographic
- Medical

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.

Supporting Documentation

None Available

Product Specifications	
Availability	Global
Nominal Resistance at 25 °C [77 °F]	50,000 Ohm
Tolerance	± 20.0%
Accuracy	25 °C [77 °F]
R- T Curve	14
Operating Temperature Range	- 60 °C to 300 °C [- 76 °F to 572 °F]
Maximum 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

My Links

- Login to iCOM
- Login as Rep/AD
- Login as Guest
- Login to Digital University

Keyword Search

Search for product and support information.

All Sensing and Control

Product Search

Part number search:

Use (*) to expand search

Specification Search