



112-102EAJ-B01 Discrete Thermistors

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Actual product appearance may vary.

112 Series, large glass bead with adjacent leads, 1,000 Ohm resistance, $\pm 20.0\%$ tolerance, 25/85 BETA = 3518

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

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

Potential Applications

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- Military
- Aerospace
- Oceanographic
- Medical

Product Specifications

Availability	Global
Resistance	1,000 Ohm
Tolerance	±20.0%
Accuracy	25 °C [77 °F]
Beta	3518
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	0.5 s
Dissipation Constant	0,1 m/W°C
Series Name	112