

Discrete Thermistors - 112-104KAJ-B01



112 Series, large glass bead with adjacent leads, 100,000 Ohm resistance, $\pm 20.0\%$ tolerance, 25/85 BETA = 4268

Actual product appearance may vary.

Overview

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

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

Potential Applications

- Military
- Aerospace
- Oceanographic
- Medical

Specs

Product Specifications

Availability	Global
Resistance	100,000 Ohm
Tolerance	$\pm 20.0\%$
Accuracy	25 °C [77 °F]
Beta	4268
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
R-T Curve	15