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111-102CAJ-H01



Small glass bead with axial leads

Actual product appearance may vary.

Features

- Hermetically sealed
- Rapid response times
- Excellent long-term stability
- Micro size
- Weldable platinum iridium leads

Potential Applications

- Gas analysis
- Gas flow measurement
- Thermal conductivity analysis
- Medical

Description

111 Series Thermistors are hermetically sealed in glass. They feature relatively uniform size, offer fast time response and are highly sensitive to electric power. They are often suited for use in low heat capacity applications and their micro size allows them to be used in extremely small assemblies such as catheters and hypodermic needles.

Supporting Documentation

None Available

Product Specifications	
Availability	Global
Nominal Resistance at 25 °C [77 ° F]	1,000 Ohm
Tolerance	± 20.0%
Accuracy	25 °C [77 °F]
R- T Curve	9
Operating Temperature Range	- 60 °C to 300 °C [- 76 °F to 572 ° F]
Maximum Diameter	0,36 mm [0.014 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	111

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