



111-202CAK-H01



111 Series, small glass bead with axial leads, 2,000 Ohm resistance, ±25.0% tolerance, 25/85 BETA = 3068

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.

**Features**

**Potential Applications**

Hermetically sealed

Gas analysis

Rapid response times

Gas flow measurement

Excellent long-term stability  
Micro size

Thermal conductivity  
analysis  
Medical

Weldable platinum iridium  
leads

**Product Specifications**

Availability	Global
Resistance	2,000 Ohm
Tolerance	±25.0%
Accuracy	25 °C [77 °F]
Beta	3068
Operating Temperature	-60 °C to 300 °C [-76 °F to 572 °F]
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