



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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111-202CAK-H01



111 Series, small glass bead with axial leads, 2,000 Ohm resistance, $\pm 25.0\%$ 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

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

Product Specifications

Availability	Global
Resistance	2,000 Ohm
Tolerance	$\pm 25.0\%$
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