

## Features

- Waterproof to IP68
  - Withstands freeze/thaw cycling
  - Available using any device in the Thermometrics standard NK and DC95 ranges
  - Range of wire lengths 11.81 in to 196.85 in (300 mm to 5000 mm) (dimension WL on page 2)
  - Suitable for refrigeration applications, including evaporators
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# NTC Type JI

## Thermometrics Double Insulated Chip Thermistor with Insulated Wires

NTC Type JI is a Thermometrics product. Thermometrics has joined other GE high-technology sensing businesses under a new name—GE Industrial, Sensing.



# Type JI Specifications

## Description

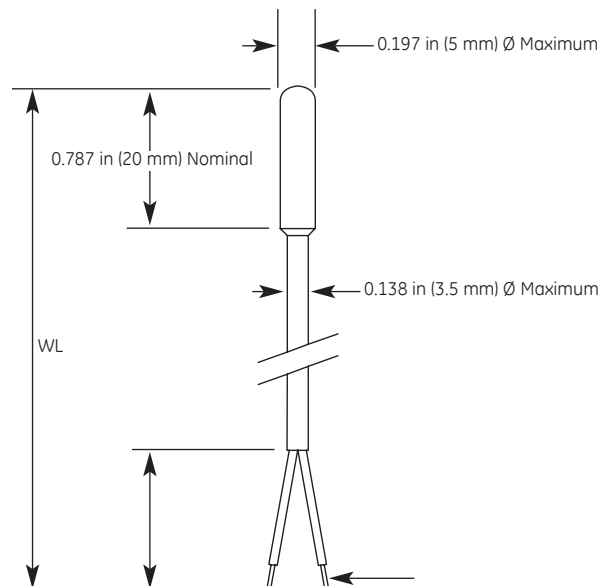
Chip thermistor housed in a tip, which is molded onto flexible circular cable. Tip and outer cable insulation material is thermoplastic elastomer. Tinned copper conductors have individual polyolefin insulation.

## Options

- Other resistance – temperature characteristics
- Other wire lengths

## Data

- Temperature range: -40°F to 221°F (-40°C to 105°C)
- Insulation resistance: >100 MΩ at 500 VDC
- Wire conductors: 7 X 0.23 mm diameter (0.30 mm<sup>2</sup>)
- Resistance - temperature characteristics:  
Refer to NK and DC95 data sheets



NTC Type JI dimensions

## Ordering Information

The code number to be ordered may be specified as follows:

Code	Type																										
JI	Double Insulated With Insulated Wires																										
	<table> <tr> <th>Code</th><th>Type</th></tr> <tr> <td>103C1R2</td><td>NK103C1R2 See NK or DC95 Data sheets</td></tr> <tr> <td>F103W</td><td>DC95F103W</td></tr> </table>	Code	Type	103C1R2	NK103C1R2 See NK or DC95 Data sheets	F103W	DC95F103W																				
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JI	- - - - - Typical model number																										

Resistance characteristic and wire length are specified by the product code: e.g. JI103C1R2 or JIF103W

Other wire lengths are available for quantities > 5000 pieces as above with a wire tolerance at > 3.28 ft (1 m) of +100 /- 0 mm (+3.9 in /- 0 in)



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920-350A

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