

Sensors > PTC (for Overheat Sensing) > Chip Tight-tolerance Type 0402(1005) Size  
 Thermistors > PTC for Overheat Sensing > Chip Tight-tolerance Type 0402(1005) Size

















How to check EU RoHS Compliance of Our Products is [here](#).

<a href="#">Product Lifecycle Stage</a>	In Production
<a href="#">Recommended Rank</a>	Preferred

**Specifications**

Global Part Number	PRF15BG102RB6RC
Previous Part Number	
SMD	SMD
Sensing Temperature(at 4.7k ohm)	
Sensing Temperature (at 10k ohm)	65... ±5...
Sensing Temperature (at 47k ohm)	
Sensing Temperature (at 100k ohm)	80... ±3...
Sensing Temperature (at 4.7M ohm)	
Maximum Voltage	32V
Resistance (at 25 degree)	1k ohm ±50%
Min. Temperature	-40...
Max. Temperature	90...
Mass (Reference Value)	0.001g

**Details**

-  [Part Numbering](#)
-  [Appearance](#)
-  [Dimensions](#)
-  [Features](#)
-  [Resistance-Temperature\\_Characteristics](#)
-  [Resistance-Temperature\\_Characteristics\\_Range\\_\(Reference\)](#)
-  [Overheat\\_Protection\\_Circuit](#)
-  [Temperature\\_Sensing\\_Circuit](#)
-  [Standard\\_Land\\_Dimensions](#)
-  [Specifications\\_and\\_TEST\\_Method](#)
-  [Taping\\_Dimensions](#)
-  [Caution\\_\(Storage\\_and\\_Operating\\_Conditions\)](#)
-  [Caution\\_\(Others\)](#)
-  [Notice\\_\(Storage\\_and\\_Operating\\_Conditions\)](#)
-  [Notice\\_\(Soldering\\_and\\_Mounting\)](#)
-  [Notice\\_\(Handling\)](#)

**Minimum Quantity**

180mm Paper Tape	10000
180mm Embossed Tape	
330mm Paper Tape	
330mm Embossed Tape	
Bulk Case	
Bulk(Bag)	
Ammo Pack	
320Reel	
Magazine	
Box	

Please approve our product specifications or to transact the approval sheet for product specifications before ordering.

Please read rating and !Cautions first.

Product specifications in this catalog are as of March 2015

Please make sure to read the Murata's [Product Policy](#), too.

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