

Thermistors > PTC for Circuit Protection > 24/30/32V Series


















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**

**Details**

|                                     |                    |
|-------------------------------------|--------------------|
| Global Part Number                  | PTGL09AR1R8H2B51A0 |
| Previous Part Number                | PTH8L09AR1R8H2B510 |
| Max. Voltage                        | 30V                |
| Hold Current                        |                    |
| Hold Current                        | 410mA (at +60...)  |
| Hold Current                        | 510mA (at +25...)  |
| Trip Current                        | 970mA (at +25...)  |
| Trip Current                        | 1120mA (at -10...) |
| Max. Current                        | 3.0A               |
| Resistance (at 25...)               | 1.8ohm ±25%        |
| Curie Point                         |                    |
| Min. Temperature                    | -10...             |
| Max. Temperature                    | 60...              |
| Body Diameter (D)                   | 9.5mm              |
| Thickness (T)                       | 4.0mm              |
| Height (H)                          |                    |
| Lead Space (F)                      | 5.0mm              |
| Lead Diameter (phi d)               | 0.6mm              |
| Mass (Reference Value)              | 0.64g              |
| Power Consumption (Reference Value) | 1.8W               |

-  [Part Numbering](#)
-  [Appearance](#)
-  [Dimensions](#)
-  [Features](#)
-  [Protective\\_Threshold\\_Current\\_Range](#)
-  [Operating\\_Time\\_\(Typical\\_Curve\)](#)
-  [Resistance-Temperature\\_Charac.](#)
-  [Transistor\\_Protection\\_Circuit](#)
-  [Transformer\\_Protection\\_Circuit\\_\(1\)](#)
-  [Transformer\\_Protection\\_Circuit\\_\(2\)](#)
-  [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    |      |
| 180mm Embossed Tape |      |
| 330mm Paper Tape    |      |
| 330mm Embossed Tape |      |
| Bulk Case           |      |
| Bulk(Bag)           |      |
| Ammo Pack           | 1500 |
| 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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