Note: This datasheet may be out of date.
Please download the latest datasheet of PTGL12AR270M9C01B0 from the official website of Murata
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https://www.murata.com/en-eu/products/productdetail?partno=PTGL12AR270M9C01B0

PTGL12AR270M9C01B0





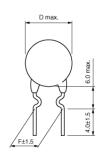


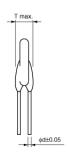




Appearance & Shape











- 1. Best suited to meet the requirements for power supplies and motor protection. Error-free operations are assured by rush current.
- 2. Circuit is protected until current is turned off.
- 3. Restores the original low resistance value automatically once the overload is removed.
- 4. Non-contact design leads to long life and no noise.

 Durable and strong against mechanical vibration and shock because it is a solid element.



Limited Usage

Consumer Grade



Packaging Information

| Packaging | Specifications | Minimum Order Quantity |
|-----------|----------------|---------------------------|
| В0 | Bulk(Bag) | 200 |

1 of 3

Attention

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2. This datasheet has only typical specifications because there is no space for detailed specifications.

Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering



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PTGL12AR270M9C01B0



| Max. Voltage | 265V |
|---------------------------------------|---------------|
| Hold Current | 150mA |
| Measure Condition of Hold Current | (at +60°C) |
| Hold Current (2) | 200mA |
| Measure Condition of Hold Current (2) | (at +25°C) |
| Trip Current | 310mA |
| Measure Condition of Trip Current | (at +25°C) |
| Trip Current(2) | 360mA |
| Measure Condition of Trip Current(2) | (at -10°C) |
| Max. Current | 1.5A |
| Resistance (25°C) | 27Ω |
| Resistance Value Tolerance (at 25°C) | ±20% |
| Power Consumption(typ) | 2.3W |
| Operating Temperature Range | -10°C to 60°C |
| D: Outer Dimension | 14mm |
| Thickness | 6.5mm |
| F: Lead Space | 10mm |

| d: Lead Diameter | 0.65mm |
|------------------|--------|
| Shape | Lead |
| Mass | 1.85g |

2 of 3

Attention

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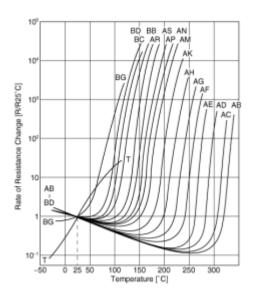
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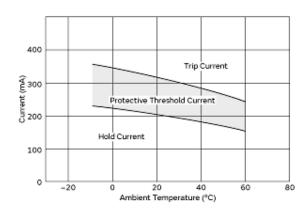
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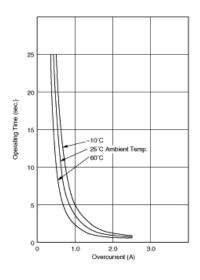






Resistance-Temperature Charac.





Operating Time (Typical Curve)

3 of 3

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