

RTP200R060SA-2 Product Details

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RTP200R060SA-2
(RF2399-000)

TE Internal Number: RF2399-000

 **Active**

RTP

 [Always EU RoHS/ELV Compliant \(Statement of Compliance\)](#)

Product Highlights:

- Product Category = Circuit Protection Devices - Passive
- Product Classification = Thermal Protection Devices
- Reflowable Thermal Protection Device
- Surface Mount Application
- Family Name = RTP

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Documentation & Additional Information

Product Drawings:

- None Available

Catalog Pages/Data Sheets:

- [RTP PRODUCT OVERVIEW](#) (PDF, English)

Product Specifications:

- [RTP200R060SA](#) (PDF, English)

Application Specifications:

- None Available

Instruction Sheets:

- None Available

CAD Files:

- None Available

Related Products:

- [Tooling](#)

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Product Features (Please use the Product Drawing for all design activity)

Product Type Features:

- Product Category = Circuit Protection Devices - Passive
- Product Classification = Thermal Protection Devices
- Product Type = Reflowable Thermal Protection Device

Electrical Characteristics:

- Maximum DC Open Voltage (V) = 32
- Maximum DC Interrupt Current @ 16VDC (A) = 200
- EDC Rating (Human Body Model) (kV) = 25
- Minimum Operating Current (Room Temperature) (A) = 32
- Typical Operating Current (Room Temperature) (A) = 34
- Operating Voltage (VDC) = 32
- Typical Resistance from P1 to PTH (Room Temperature) (mΩ) = 0.6
- Maximum Resistance from P1 to PTH (Room Temperature) (mΩ) = 0.8
- Typical Resistance from P1 to PTH (175°C) (mΩ) = 0.8
- Maximum Resistance from P1 to PTH (175°C) (mΩ) = 1.2
- Typical Thermal Resistance (Junction to Case) (°C/Watt) = 0.5
- Arming Type = Electronic
- Typical Resistance from ARM to P1 or PTH (Pre-arming) (mΩ) = 300
- Typical Resistance from ARM to P1 or PTH (Post-arming) (kΩ) = 10
- Arming Current (Room Temperature) (A) = 2 - 5
- Typical Arming Time (Room Temperature, 2A) (msec) = 100
- Typical Arming Time (Room Temperature, 5A) (msec) = 10

Dimensions:

- Height (mm [in]) = 6.00 - 6.35 [0.236 - 0.250]

Body Features:

- Length (mm [in]) = 11.60 - 12.00 [0.457 - 0.472]
- Width (mm [in]) = 5.25 - 5.50 [0.207 - 0.217]

Contact Features:

- Family Name = RTP

Configuration Features:

- Coating = Plastic

Industry Standards:

- [RoHS/ELV Compliance](#) = RoHS compliant, ELV compliant
- [Lead Free Solder Processes](#) = Reflow solder capable to 245°C, Reflow solder capable to 260°C
- RoHS/ELV Compliance History = Always was RoHS compliant
- UL Rating = None
- CSA Certified = No
- TUV Certificate No. = No

Environmental:

- Maximum Reflow Temperature (Preactivation) (°C) = 260
- Operating Temperature (°C [°F]) = -55 - +175 [-67 - +347]
- Open Temperature, Post Arming (°C [°F]) = 196 - 213 [384.8 - 415.4]
- Typical Open Temperature, Post Arming (°C) = 205
- Moisture Sensitivity Level Rating = 1

Operation/Application:

- Application = Surface Mount

Packaging Features:

- Packaging Method = Tape & Reel

Other:

- Industry = Automotive
- Brand = Raychem

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