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SMD250F-2 Product Details



SMD250F-2

TE Part Number: C42452-000



[Active](#)

PolySwitch Resettable Devices



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

Product Highlights:

- Surface Mount Application
- Family Name = SMD
- Surface Mount Construction
- IH (Room Temperature) = 2.5 Amps.
- IT (Room Temperature) = 5.00 Amps.

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Documentation & Additional Information

Product Drawings:

- [SMD250F](#) (PDF, English)

Catalog Pages/Data Sheets:

- None Available

Product Specifications:

- None Available

Application Specifications:

- None Available

Instruction Sheets:

- None Available

CAD Files:

- None Available

Additional Information:

- [Product Line Information](#)

Related Products:

- [Tooling](#)

[List all Documents](#)

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

- UL Recognized = 191099-E74889
- CSA File No. = 1031175 (CA 78165-1)

Electrical Characteristics:

- [IH \(Room Temperature\) \(Amps.\)](#) = 2.5
- [IT \(Room Temperature\) \(Amps.\)](#) = 5.00
- [Vmax Operating \(V\)](#) = 15
- [Rmin \(•\)](#) = 0.035
- [R1 Max \[Post Trip\] \(•\)](#) = 0.085
- [UL Rated Current \(Amps.\)](#) = 40
- Tripped Power Dissipation (Typical) (W) = 1.90

Termination Related Features:

- Construction = Surface Mount

Contact Related Features:

- [Family Name](#) = SMD

Configuration Related Features:

- [Form Factor \(inches\)](#) = 3425
- [Form Factor \(mm\)](#) = 8763

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
- TUV Certificate No. = R72041427

Conditions for Usage:

- [Operating Temperature \(Max.\) \(°C\)](#) = 85

Operation/Application:

- Application = Surface Mount

Packaging Related Features:

- Packaging Method = Tape & Reel

Other:

- Brand = Raychem