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Thursday, May 04, 2006

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## Product Details for SMD250F-2



**SMD250F-2**

Tyco Part Number: C42452-000

[Active](#)

### PolySwitch Resettable Devices

[RoHS Compliant](#)

#### Product Highlights:

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

[View all Features](#)

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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

[List all Documents](#)

#### Additional Information:

- [Product Line Information](#)

#### Related Products:

- [Tooling](#)

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

- UL Listed = 191099-E74889

**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

**Body Related Features:**

- CSA File No. = 1031175 (CA 78165-1)

**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

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