

## TSM600-250F-2 Product Details



**TSM600-250F-2**

TE Internal Number: A88766-000

[Active](#)

### PolySwitch Resettable Devices

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

#### Product Highlights:

- Telecom Application
- Family Name = TSM600
- Surface Mount Construction
- IH (Room Temperature) = .25 Amps.
- IT (Room Temperature) = .86 Amps.

[View all Features](#)

### Quick Links

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### Documentation & Additional Information

#### Product Drawings:

- [TSM600-250F](#) (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 = File No. E74889
- CSA File No. = 78165C
- Comment = Designed for equipment required to meet Telcordia GR-1089, UL60950 and TIA968; can be used for ITU applications.; Device is 0.5 ohm resistance matched.

#### Electrical Characteristics:

- [IH \(Room Temperature\) \(Amps.\)](#) = 0.25
- [IT \(Room Temperature\) \(Amps.\)](#) = 0.86
- [Vmax Operating \(V\)](#) = 250
- [Rmin \(?\)](#) = 1.00
- [Rmax \(?\)](#) = 3.500
- [R1 Max \[Post Trip\] \(?\)](#) = 7.00
- [Vmax Interrupt \(V rms\)](#) = 600
- Power Dissipation (Typical) (W) = 2.00
- R (Typical) (?) = 3.50
- Resistance Matching (?) = 0.5
- UL Rated Voltage (V) = 250

#### Termination Related Features:

- Construction = Surface Mount

#### Contact Related Features:

- Family Name = TSM600

#### Configuration Related Features:

- Coating = Boxed

#### 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

#### Conditions for Usage:

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

#### Operation/Application:

- Application = Telecom

#### Packaging Related Features:

- Packaging Method = Tape & Reel

#### Other:

- Brand = Raychem