

TCF250-145-RB-B-0.5 Product Details



TCF250-145-RB-B-0.5

TE Part Number: A25043-000

Active

Add to Part List

PolySwitch Resettable Devices

Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- Telecom Application
- Family Name = TCF250
- Chip Construction
- IH (Room Temperature) = .145 Amps.
- IT (Room Temperature) = .29 Amps.

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Documentation & Additional Information

Product Drawings:

- [TCF250-145-RB-B-0.5](#) (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](#)

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

Product Type Features:

- UL Recognized = File No. E74889
- CSA File No. = 78165C
- Comment = Devices are available with 0.5 ohm resistance matching.; Designed for equipment needing to meet ITU K.20, K.21, K.45 recommendations.

Electrical Characteristics:

- [IH \(Room Temperature\) \(Amps.\)](#) = 0.145
- [IT \(Room Temperature\) \(Amps.\)](#) = 0.29
- [Vmax Operating \(V\)](#) = 60
- [Rmin \(Ω\)](#) = 4.30
- [Rmax \(Ω\)](#) = 6.000
- [R1 Max \[Post Trip\] \(Ω\)](#) = 14.00
- [Vmax Interrupt \(V rms\)](#) = 250
- [UL Rated Current \(Amps.\)](#) = 3
- Tripped Power Dissipation (Typical) (W) = 1.00
- R (Typical) (Ω) = 5.20
- Resistance Matching (Ω) = 0.5
- UL Rated Voltage (V) = 60

Termination Related Features:

- Construction = Chip

Contact Related Features:

- Family Name = TCF250

Configuration Related Features:

- Coating = Uncoated

Industry Standards:

- [RoHS/ELV Compliance](#) = RoHS compliant, ELV compliant
- [Lead Free Solder Processes](#) = Not relevant for lead free process
- 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 = Bulk

Other:

- Brand = Raychem