

TRF250-145 Product Details



TRF250-145

TE Internal Number: RF0021-000

 Active

PolySwitch Resettable Devices

 Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- Telecom Application
- Vmax Operating = 60 V
- Vmax Interrupt = 250 V rms
- Imax Interrupt = 3 A
- Family Name = TRF250

Documentation & Additional Information

Product Drawings:

- None Available

Catalog Pages/Data Sheets:

- [CP CATALOG 2011-TELECOM-AND-NETWORKING](#) (PDF, English)

Product Specifications:

- [TRF250-145](#) (PDF, English)

Application Specifications:

- None Available

Instruction Sheets:

- None Available

CAD Files:

- None Available

Related Products:

- [Tooling](#)

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

Product Type Features:

- Family Name = TRF250
- UL File Number = E74889
- CSA File Number = 78165C

Electrical Characteristics:

- Vmax Operating (V) = 60
- Vmax Interrupt (V rms) = 250
- Imax Interrupt (A) = 3
- IH (Room Temperature) (A) = 0.145
- IT (Room Temperature) (A) = 0.29
- Rmin (Ω) = 3.00
- Rmax (Ω) = 6.000
- R1 Max [Post Trip] (Ω) = 14.00
- Power Dissipation (Typical) (W) = 1.00
- R (Typical) (Ω) = 4.50

Termination Features:

- Construction = Through Hole

Body Features:

- Lead Type = Kinked

Configuration Features:

- Coating = Coated

Industry Standards:

- [RoHS/ELV Compliance](#) = RoHS compliant, ELV compliant
- [Lead Free Solder Processes](#) = Wave solder capable to 240°C, Wave solder capable to 260°C, Wave solder capable to 265°C
- RoHS/ELV Compliance History = Always was RoHS compliant
- TUV Certificate No. = Available on request (per IEC 60730-1)

Environmental:

- Operating Temperature (Max.) ($^{\circ}\text{C}$) = 85

Operation/Application:

- Application = Telecom

Packaging Features:

- Packaging Method = Bulk

Other:

- Brand = Raychem
- Comment = Devices are available with 0.5 ohm resistance matching.