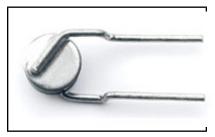
# **TRF250-145U Product Details**



TRF250-145U

TE Part Number: RF0027-000



## **PolySwitch Resettable Devices**



Always EU RoHS/ELV Compliant (Statement of Compliance)

## **Product Highlights:**

- Telecom Application
- Family Name = TRF250
- Through Hole Construction
- IH (Room Temperature) = .145 Amps.
- IT (Room Temperature) = .29 Amps.

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**Documentation & Additional Information** 

## **Product Drawings:**

• TRF250-145U (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 = 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
- $\underline{\text{Vmax Operating (V)}} = 60$
- $\underline{\text{Rmin}} (\bullet) = 3.50$
- Rmax (•) = 6.500
- R1 Max [Post Trip] (•) = 12.00
- Vmax Interrupt (V rms) = 250
- <u>UL Rated Current (Amps.)</u> = 3
- Tripped Power Dissipation (Typical) (W) = 1.00
- R (Typical) (•) = 5.00
- UL Rated Voltage (V) = 60

#### **Termination Related Features:**

• Construction = Through Hole

#### **Body Related Features:**

• Lead Type = Kinked

#### **Contact Related Features:**

• Family Name = TRF250

#### **Configuration Related Features:**

• Coating = Uncoated

## **Industry Standards:**

- RoHS/ELV Compliance = RoHS compliant, ELV compliant
- <u>Lead Free Solder Processes</u> = 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. = R72041425

## Conditions for Usage:

• Operating Temperature (Max.) (°C) = 85

### **Operation/Application:**

• Application = Telecom

#### **Packaging Related Features:**

• Packaging Method = Bulk, Tape & Reel

#### Other:

• Brand = Raychem