

# RGEF500 Product Details



**RGEF500**

TE Part Number: A50291-000



[Active](#)

## PolySwitch Resettable Devices



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

### Product Highlights:

- Radial Application
- Family Name = RGEF
- Radial Construction, Through Hole Construction
- IH (Room Temperature) = 5 Amps.
- IT (Room Temperature) = 8.50 Amps.

[View all Features](#) | [Find Similar Products](#)

## Documentation & Additional Information

### Product Drawings:

- [RGEF500](#) (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

**Electrical Characteristics:**

- [IH \(Room Temperature\) \(Amps.\)](#) = 5
- [IT \(Room Temperature\) \(Amps.\)](#) = 8.50
- [Vmax Operating \(V\)](#) = 16
- [Rmin \(•\)](#) = 0.015
- [Rmax \(•\)](#) = 0.023
- [R1 Max \[Post Trip\] \(•\)](#) = 0.034
- [UL Rated Current \(Amps.\)](#) = 100
- Tripped Power Dissipation (Typical) (W) = 2.60

**Termination Related Features:**

- Construction = Radial, Through Hole

**Body Related Features:**

- Lead Type = Straight

**Contact Related Features:**

- Family Name = RGEF

**Configuration Related 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. = R72041433

**Conditions for Usage:**

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

**Operation/Application:**

- Application = Radial

**Packaging Related Features:**

- Packaging Method = Bulk

**Other:**

- Brand = Raychem