

## AHEF070 Product Details



**AHEF070**  
(RF1045-000)

TE Internal Number: RF1045-000

 [Active](#)

### PolySwitch Resettable Devices

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

#### Product Highlights:

- Automotive, Radial Application
- Vmax Operating = 32 V
- Vmax = 32 V
- Imax = 100 A
- Family Name = AHEF

[View all Features](#)

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### Documentation & Additional Information

#### Product Drawings:

- None Available

#### Catalog Pages/Data Sheets:

- None Available

#### Product Specifications:

- [AHEF070](#) (PDF, English)

#### 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)

#### Electrical Characteristics:

- [Vmax Operating \(V\)](#) = 32
- Vmax (V) = 32
- Imax (A) = 100
- [IH \(Room Temperature\) \(A\)](#) = 0.7
- [IT \(Room Temperature\) \(A\)](#) = 1.40
- [Rmin \(Ω\)](#) = 0.23
- [R1 Max \[Post Trip\] \(Ω\)](#) = 0.80
- Power Dissipation (Typical) (W) = 1.40
- Power Dissipation (Max) (W) = 0.9
- RA Max (Ω) = 0.8

#### Termination Related Features:

- Construction = Radial, Through Hole

#### Body Related Features:

- Lead Type = Standard Kinked Lead

#### Contact Related Features:

- Family Name = AHEF

#### 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

#### Conditions for Usage:

- [Operating Temperature \(Max.\) \(°C\)](#) = 125

#### Operation/Application:

- Application = Automotive, Radial

#### Packaging Related Features:

- Packaging Method = Bulk

#### Other:

- Brand = Raychem

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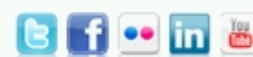
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