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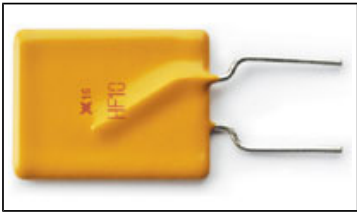
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AHRF450 Product Details

<http://catalog.tycoelectronics.com/TE/bin/TE.Connect?C=1&M=BYPN&TCPN=A05383-000&RQP=AHRF450> (2 of 4)27/09/2007 09:54:22 •



AHRF450

Raychem Part Number: A05383-000

✔ [Active](#)

PolySwitch Resettable Devices

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

Product Highlights:

- Automotive, Radial Application
- Family Name = AHRF
- Radial Construction, Through Hole Construction
- IH (Room Temperature) = 4.5 Amps.
- IT (Room Temperature) = 8.70 Amps.

[View all Features](#)

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Documentation & Additional Information

Product Drawings:

- [AHRF450](#) (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

Electrical Characteristics:

- [IH \(Room Temperature\) \(Amps.\)](#) = 4.5
- [IT \(Room Temperature\) \(Amps.\)](#) = 8.70
- [Vmax Operating \(V\)](#) = 16
- [Rmin \(\)](#) = 0.017
- [Rmax \(\)](#) = 0.036
- [R1 Max \[Post Trip\] \(\)](#) = 0.054
- [UL Rated Current \(Amps.\)](#) = 100
- Tripped Power Dissipation (Typical) (W) = 3.60
- RA Max () = 0.054

Termination Related Features:

- Construction = Radial, Through Hole

Body Related Features:

- Lead Type = Bottle Kink
- CSA File No. = 78165C

Contact Related Features:

- Family Name = AHRF

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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