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## AHS300-2 Product Details



**AHS300-2**

TE Internal Number: RF1644-000

**Active**

### PolySwitch Resettable Devices


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

#### Product Highlights:

- Automotive, Surface Mount Application
- Family Name = AHS
- Surface Mount Construction
- IH (Room Temperature) = 3 A
- IT (Room Temperature) = 6.00 A

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### Documentation & Additional Information

#### Product Drawings:

- [AHS300](#) (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)

#### Electrical Characteristics:

- [IH \(Room Temperature\) \(A\)](#) = 3
- [IT \(Room Temperature\) \(A\)](#) = 6.00
- [Vmax Operating \(V\)](#) = 16
- [Rmin \(Ω\)](#) = 0.024
- [R1 Max \[Post Trip\] \(Ω\)](#) = 0.083
- Imax (A) = 70
- Power Dissipation (Typical) (W) = 3.00

#### Termination Related Features:

- Construction = Surface Mount

#### Contact Related Features:

- [Family Name](#) = AHS

#### Configuration Related Features:

- [Form Factor \(inches\)](#) = 3425
- [Form Factor \(mm\)](#) = 8763

#### Industry Standards:

- [RoHS/ELV Compliance](#) = RoHS compliant, ELV compliant
- [Lead Free Solder Processes](#) = Reflow solder capable to 245°C, Reflow solder capable to 260°C
- RoHS/ELV Compliance History = Always was RoHS compliant

#### Conditions for Usage:

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

#### Operation/Application:

- Application = Automotive, Surface Mount

#### Packaging Related Features:

- Packaging Method = Tape & Reel

#### Other:

- Brand = Raychem