


AHS080-2018-2 Product Details



AHS080-2018-2
(RF1640-000)

TE Internal Number: RF1640-000

 [Active](#)

PolySwitch Resettable Devices

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

Product Highlights:

- Automotive, Surface Mount Application
- Vmax Operating = 16 V
- Imax = 70 A
- Family Name = AHS
- Surface Mount Construction

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Documentation & Additional Information

Product Drawings:

- None Available

Catalog Pages/Data Sheets:

- [CP CATALOG 2011-AUTOMOTIVE](#) (PDF, English)

Product Specifications:

- [AHS080-2018](#) (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 \(V\)](#) = 16
- [Imax \(A\)](#) = 70
- [IH \(Room Temperature\) \(A\)](#) = 0.8
- [IT \(Room Temperature\) \(A\)](#) = 2.00
- [Rmin \(Ω\)](#) = 0.13
- [R1 Max \[Post Trip\] \(Ω\)](#) = 0.55
- Power Dissipation (Typical) (W) = 1.50

Termination Features:

- Construction = Surface Mount

Contact Features:

- [Family Name](#) = AHS

Configuration Features:

- [Form Factor \(inches\)](#) = 2018
- [Form Factor \(mm\)](#) = 5050

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

Environmental:

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

Operation/Application:

- Application = Automotive, Surface Mount

Packaging Features:

- Packaging Method = Tape & Reel

Other:

- Brand = Raychem

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