

## SMD100F -2 Product Details

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### PolySwitch Resettable Devices

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

#### Product Highlights:

- ? Surface Mount Application
- ? Vmax Operating = 30 V
- ? Vmax = 30 V
- ? Imax = 40 A
- ? Family Name = SMD

[View all Features](#)

#### Quick Links

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- ? [Product Feature Selector](#)
- ? [Contact Us About This Product](#)

**SMD100F -2**  
(RF0318 -000)

TE Internal Number: RF0318 -000

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### Documentation & Additional Information

#### Product Drawings:

- ? None Available

#### Catalog Pages/Data Sheets:

- ? [CP CATALOG 2011 - SURFACE - MOUNT](#) (PDF, English)

#### 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 File Number = E74889
- ? CSA File Number = CA78165

#### Electrical Characteristics:

- ? [Vmax Operating \(V\)](#) = 30
- ? Vmax (V) = 30
- ? Imax (A) = 40
- ? [IH \(Room Temperature\) \(A\)](#) = 1.1
- ? [IT \(Room Temperature\) \(A\)](#) = 2.20
- ? [Rmin \(?\)](#) = 0.12
- ? [R1 Max \[Post Trip\] \(?\)](#) = 0.48
- ? Power Dissipation (Max) (W) = 1.7

#### Termination Features:

- ? Construction = Surface Mount

#### Contact Features:

- ? [Family Name](#) = SMD

#### Configuration Features:

- ? [Form Factor \(inches\)](#) = 2920
- ? [Form Factor \(mm\)](#) = 7555

#### 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
- ? TUV Certificate No. = R72041427

#### Environmental:

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

#### Operation/Application:

- ? Application = Surface Mount

#### Packaging Features:

- ? Packaging Method = Tape & Reel

#### Other:

- ? Brand = Raychem

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