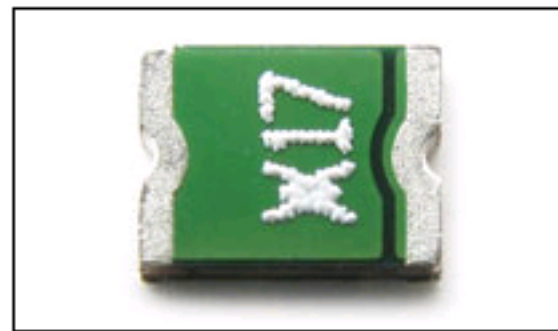




## MICROSMD175F-2 Product Details

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**MICROSMD175F-2**

TE Internal Number: RF1511-000

 **Active**

### PolySwitch Resettable Devices

 Always EU RoHS/ELV Compliant (Statement of Compliance)

#### Product Highlights:

- Surface Mount Application
- Vmax = 6 V
- Imax = 40 A
- Family Name = microSMD
- Surface Mount Construction

[View all Features](#)

#### Quick Links

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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

#### Related Products:

- [Tooling](#)

[List all Documents](#)

### Product Features (Please use the Product Drawing for all design activity)

#### Product Type Features:

- Family Name = microSMD
- UL File Number = E74889
- CSA File Number = CA78165

#### Electrical Characteristics:

- Vmax (V) = 6
- Imax (A) = 40
- IH (Room Temperature) (A) = 1.75
- IT (Room Temperature) (A) = 3.50
- Rmin (Ω) = 0.025
- R1 Max [Post Trip] (Ω) = 0.08

#### Termination Features:

- Construction = Surface Mount

#### Configuration Features:

- Form Factor (inches) = 1210
- Form Factor (mm) = 3225

#### 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. = R72111045

#### Environmental:

- Operating Temperature (Max.) (°C) = 85

#### Operation/Application:

- Application = Surface Mount

#### Packaging Features:

- Packaging Method = Tape & Reel

#### Other:

- Brand = Raychem

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