

## NANOSMDC016F-2 Product Details

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**NANOSMDC016F-2**  
(RF1344-000)

TE Internal Number: RF1344-000

**Active**

### PolySwitch Resettable Devices

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

#### Product Highlights:

- Surface Mount Application
- Vmax Operating = 48 V
- Vmax = 48 V
- Imax = 10 A
- Family Name = nanoSMD

[View all Features](#)

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### Documentation & Additional Information

#### Product Drawings:

- None Available

#### Catalog Pages/Data Sheets:

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

#### Product Specifications:

- [nanoSMD016F](#) (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)

#### Product Type Features:

- UL File Number = E74889
- CSA File Number = CA78165

#### Electrical Characteristics:

- [Vmax Operating \(V\)](#) = 48
- Vmax (V) = 48
- Imax (A) = 10
- [IH \(Room Temperature\) \(A\)](#) = 0.16
- [IT \(Room Temperature\) \(A\)](#) = 0.45
- [Rmin \(Ω\)](#) = 1.10
- [R1 Max \[Post Trip\] \(Ω\)](#) = 5.00
- Power Dissipation (Max) (W) = 0.5

#### Termination Features:

- Construction = Surface Mount

#### Contact Features:

- Family Name = nanoSMD

#### Configuration Features:

- [Form Factor \(inches\)](#) = 1206
- [Form Factor \(mm\)](#) = 3216

#### 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. = R72041439

#### Environmental:

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

#### Operation/Application:

- Application = Surface Mount

#### Packaging Features:

- Packaging Method = Tape & Reel

#### Other:

- Brand = Raychem

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