

# NANOSMDC016F-2 Product Details



**NANOSMDC016F-2**

TE Part Number: C82021-000



[Active](#)

## PolySwitch Resettable Devices



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

### Product Highlights:

- Surface Mount Application
- Family Name = nanoSMD
- Surface Mount Construction
- IH (Room Temperature) = .16 Amps.
- IT (Room Temperature) = .45 Amps.

[View all Features](#) | [Find Similar Products](#)

## Documentation & Additional Information

### Product Drawings:

- [nanoSMD016F](#) (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](#)

[List all Documents](#)

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

**Product Type Features:**

- UL Recognized = 20040119-E74889
- CSA File No. = 1175719 (CA 78165)

**Electrical Characteristics:**

- [IH \(Room Temperature\) \(Amps.\)](#) = 0.16
- [IT \(Room Temperature\) \(Amps.\)](#) = 0.45
- [Vmax Operating \(V\)](#) = 48
- [Rmin \(•\)](#) = 1.10
- [R1 Max \[Post Trip\] \(•\)](#) = 5.00
- [UL Rated Current \(Amps.\)](#) = 10
- Tripped Power Dissipation (Typical) (W) = 0.50

**Termination Related Features:**

- Construction = Surface Mount

**Contact Related Features:**

- Family Name = nanoSMD

**Configuration Related 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

**Conditions for Usage:**

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

**Operation/Application:**

- Application = Surface Mount

**Packaging Related Features:**

- Packaging Method = Tape & Reel

**Other:**

- Brand = Raychem