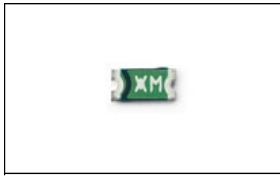


## NANOSMDC012F-2 Product Details



### NANOSMDC012F-2

 Raychem Part Number:  
F63422-000

 **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) = .12 Amps.
- IT (Room Temperature) = .39 Amps.

[View all Features](#)

### Quick Links

[Check Pricing & Availability](#)  
[Search for Tooling](#)  
[Product Feature Selector](#)  
[Contact Us About This Product](#)

### Documentation & Additional Information

#### Product Drawings:

- [nanoSMDC012F](#) (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

#### Electrical Characteristics:

- [IH \(Room Temperature\) \(Amps.\)](#) = 0.12
- [IT \(Room Temperature\) \(Amps.\)](#) = 0.39
- [Vmax Operating \(V\)](#) = 48
- [Rmin \(?\)](#) = 1.40
- [R1 Max \[Post Trip\] \(?\)](#) = 6.50
- [UL Rated Current \(Amps.\)](#) = 10
- Tripped Power Dissipation (Typical) (W) = 0.50

#### Termination Related Features:

- Construction = Surface Mount

#### Body Related Features:

- CSA File No. = 1175719 (CA 78165)

#### 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