

NANOSMDC012F-2 Product Details



NANOSMDC012F-2

TE 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](#) | [Find Similar Products](#)

Documentation & Additional Information

Product Drawings:

- [nanoSMD012F](#) (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 \(Room Temperature\) \(Amps.\)](#) = 0.12
- [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

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