



NANOSMDC012F-2 Product Details

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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

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NANOSMDC012F-2 (RF1343-000)

TE Internal Number: RF1343-000

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Documentation & Additional Information

Product Drawings:

- None Available

Catalog Pages/Data Sheets:

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

Product Specifications:

- [nanoSMDC012F](#) (PDF, English)

Application Specifications:

- None Available

Instruction Sheets:

- None Available

CAD Files:

- None Available

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

Product Type Features:

- Family Name = nanoSMD
- CSA File Number = CA78165

Electrical Characteristics:

- Vmax Operating (V) = 48
- Vmax (V) = 48
- Imax (A) = 10
- IH (Room Temperature) (A) = 0.12
- IT (Room Temperature) (A) = 0.39
- Rmin (Ω) = 1.40
- R1 Max [Post Trip] (Ω) = 6.50
- Power Dissipation (Max) (W) = 0.5

Termination Features:

- Construction = Surface Mount

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
- UL File Number = E74889
- 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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