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## NANOSMDC020F-2 Product Details


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### NANOSMDC020F-2

(RF1345-000)

TE Internal Number: RF1345-000

Active

### PolySwitch Resettable Devices



Always EU RoHS/ELV Compliant (Statement of Compliance)

#### Product Highlights:

- Surface Mount Application
- V max Operating = 24 V
- V max = 24 V
- I max = 100 A
- Family Name = nanoSMD

[View all Features](#)

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### Documentation & Additional Information

#### Product Drawings:

- [nanoSMDC020F](#) (PDF, English)

#### Catalog Pages/Data Sheets:

- [CATALOG PAGES FOR POLYSWITCH SMD](#) (PDF, English)
- [CP CATALOG 2011 - SURFACE-MOUNT](#) (PDF, English)

#### Product Specifications:

- [nanoSMDC020F](#) (PDF, English)

#### Application Specifications:

- None Available

#### Instruction Sheets:

- None Available

#### CAD Files:

- None Available

#### Related Products:

- [Tooling](#)

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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:**

- V max Operating (V) = 24
- V max (V) = 24
- I max (A) = 100
- IH (Room Temperature) (A) = 0.2
- IT (Room Temperature) (A) = 0.42
- Rmin ( $\Omega$ ) = 0.65
- R1 Max [Post Trip] ( $\Omega$ ) = 3.10
- Power Dissipation (Max) (W) = 0.6

**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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