



NANOSMDC020F-2 Product Details

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NANOSMDC020F-2

TE Internal Number: RF1345-000

 [Active](#)

PolySwitch Resettable Devices

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

Product Highlights:

- Surface Mount Application
- Vmax Operating = 24 V
- Vmax = 24 V
- Imax = 100 A
- Family Name = nanoSMD

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Documentation & Additional Information

Product Drawings:

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

Catalog Pages/Data Sheets:

- [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:

- UL File Number = E74889
- CSA File Number = CA78165

Electrical Characteristics:

- [Vmax Operating \(V\)](#) = 24
- Vmax (V) = 24
- Imax (A) = 100
- [IH \(Room Temperature\) \(A\)](#) = 0.2
- [IT \(Room Temperature\) \(A\)](#) = 0.42
- [Rmin \(Ω\)](#) = 0.65
- [R1 Max \[Post Trip\] \(Ω\)](#) = 3.10
- Power Dissipation (Max) (W) = 0.6

Termination Features:

- Construction = Surface Mount

Contact Features:

- Family Name = nanoSMD

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
- 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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