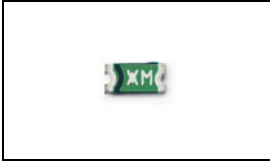




## NANOSMDC050F/13.2-2 Product Details



**NANOSMDC050F/13.2-2**

TE Internal Number: RF1347-000



### PolySwitch Resettable Devices

Always EU RoHS/ELV Compliant (Statement of Compliance)

#### Product Highlights:

- Surface Mount Application
- Vmax Operating = 13.2 V
- Vmax = 13.2 V
- Imax = 100 A
- Family Name = nanoSMD

Documentation & Additional Information	
<p><b>Product Drawings:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">nanoSMD050F/13.2</a> (PDF, English)</li> </ul> <p><b>Catalog Pages/Data Sheets:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">CP CATALOG 2011 - SURFACE-MOUNT</a> (PDF, English)</li> </ul> <p><b>Product Specifications:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">nanoSMD050F/13.2</a> (PDF, English)</li> </ul> <p><b>Application Specifications:</b></p> <ul style="list-style-type: none"> <li>• None Available</li> </ul> <p><b>Instruction Sheets:</b></p> <ul style="list-style-type: none"> <li>• None Available</li> </ul> <p><b>CAD Files:</b></p> <ul style="list-style-type: none"> <li>• None Available</li> </ul>	<p><b>Related Products:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Tooling</a></li> </ul>

Product Features (Please use the Product Drawing for all design activity)	
<p><b>Product Type Features:</b></p> <ul style="list-style-type: none"> <li>• Family Name = nanoSMD</li> <li>• UL File Number = E74889</li> <li>• CSA File Number = CA78165</li> </ul> <p><b>Electrical Characteristics:</b></p> <ul style="list-style-type: none"> <li>• Vmax Operating (V) = 13.2</li> <li>• Vmax (V) = 13.2</li> <li>• Imax (A) = 100</li> <li>• IH (Room Temperature) (A) = 0.5</li> <li>• IT (Room Temperature) (A) = 1.10</li> <li>• Rmin (Ω) = 0.20</li> <li>• R1 Max [Post Trip] (Ω) = 0.75</li> <li>• Power Dissipation (Max) (W) = 0.8</li> </ul> <p><b>Termination Features:</b></p> <ul style="list-style-type: none"> <li>• Construction = Surface Mount</li> </ul> <p><b>Configuration Features:</b></p> <ul style="list-style-type: none"> <li>• Form Factor (inches) = 1206</li> <li>• Form Factor (mm) = 3216</li> </ul>	<p><b>Industry Standards:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">RoHS/ELV Compliance</a> = RoHS compliant, ELV compliant</li> <li>• <a href="#">Lead Free Solder Processes</a> = Reflow solder capable to 245°C, Reflow solder capable to 260°C</li> <li>• RoHS/ELV Compliance History = Always was RoHS compliant</li> <li>• TUV Certificate No. = R72041439</li> </ul> <p><b>Environmental:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Operating Temperature (Max.) (°C)</a> = 85</li> </ul> <p><b>Operation/Application:</b></p> <ul style="list-style-type: none"> <li>• Application = Surface Mount</li> </ul> <p><b>Packaging Features:</b></p> <ul style="list-style-type: none"> <li>• Packaging Method = Tape &amp; Reel</li> </ul> <p><b>Other:</b></p> <ul style="list-style-type: none"> <li>• Brand = Raychem</li> </ul>