



SMD100F-2 Product Details



SMD100F-2

TE Internal Number: RF0318-000

Active

PolySwitch Resettable Devices

Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- Surface Mount Application
- Vmax Operating = 30 V
- Vmax = 30 V
- Imax = 40 A
- Family Name = SMD

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

Product Features (Please use the Product Drawing for all design activity)	
<p>Product Type Features:</p> <ul style="list-style-type: none"> • Family Name = SMD • UL File Number = E74889 • CSA File Number = CA78165 <p>Electrical Characteristics:</p> <ul style="list-style-type: none"> • Vmax Operating (V) = 30 • Vmax (V) = 30 • Imax (A) = 40 • IH (Room Temperature) (A) = 1.1 • IT (Room Temperature) (A) = 2.20 • Rmin (Ω) = 0.12 • R1 Max [Post Trip] (Ω) = 0.48 • Power Dissipation (Max) (W) = 1.7 <p>Termination Features:</p> <ul style="list-style-type: none"> • Construction = Surface Mount <p>Configuration Features:</p> <ul style="list-style-type: none"> • Form Factor (inches) = 2920 • Form Factor (mm) = 7555 	<p>Industry Standards:</p> <ul style="list-style-type: none"> • 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. = R72041427 <p>Environmental:</p> <ul style="list-style-type: none"> • Operating Temperature (Max.) ($^{\circ}\text{C}$) = 85 <p>Operation/Application:</p> <ul style="list-style-type: none"> • Application = Surface Mount <p>Packaging Features:</p> <ul style="list-style-type: none"> • Packaging Method = Tape & Reel <p>Other:</p> <ul style="list-style-type: none"> • Brand = Raychem