



# GTCR36-900M-R10 Product Details

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## Gas Discharge Tubes (GDT)

Always EU RoHS/ELV Compliant (Statement of Compliance)

### Product Highlights:

- 3 Electrodes
- Diameter = 6.00 mm
- DC Sparkover Voltage = 90 V
- Impulse Discharge Current (8x20us) 10 Hits = 10 kA
- Lead Type = Radial Leaded

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## GTCR36-900M-R10 (RF1802-000)

TE Internal Number: RF1802-000

Active

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Documentation & Additional Information	
<p><b>Product Drawings:</b></p> <ul style="list-style-type: none"> <li>• None Available</li> </ul> <p><b>Catalog Pages/Data Sheets:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">CP CATALOG 2011-GDT</a> (PDF, English)</li> </ul> <p><b>Product Specifications:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">GTCX36-XXXM-R10 Series</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>

[List all Documents](#)

Product Features (Please use the Product Drawing for all design activity)	
<p><b>Electrical Characteristics:</b></p> <ul style="list-style-type: none"> <li>• DC Sparkover Voltage (V) = 90</li> <li>• Impulse Discharge Current (8x20us) 10 Hits (kA) = 10</li> <li>• Capacitance @ 1MHz (pF) = &lt;1.2</li> <li>• AC Discharge Current (50 Hz, 1 sec duration, 10 Hits) (A) = 10Arms</li> <li>• Tolerance of DC Sparkover Voltage = +/- 20%</li> <li>• Impulse Sparkover Voltage (@100V/μs) (V) = &lt;450</li> <li>• Impulse Sparkover Voltage (@1kV/us) (V) = &lt;550</li> <li>• Insulation Resistance MΩ = &gt;= 10,000 @ 100VDC</li> </ul> <p><b>Dimensions:</b></p> <ul style="list-style-type: none"> <li>• Diameter (mm [in]) = 6.00 [0.236]</li> </ul> <p><b>Body Features:</b></p> <ul style="list-style-type: none"> <li>• Lead Type = Radial Leaded</li> </ul>	<p><b>Configuration Features:</b></p> <ul style="list-style-type: none"> <li>• Number of Electrodes = 3</li> <li>• Fail-Short Device = Without</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> = Wave solder capable to 240°C, Wave solder capable to 260°C, Wave solder capable to 265°C</li> <li>• RoHS/ELV Compliance History = Always was RoHS compliant</li> </ul> <p><b>Environmental:</b></p> <ul style="list-style-type: none"> <li>• Operating Temperature (°C) = -40 - +90</li> </ul> <p><b>Packaging Features:</b></p> <ul style="list-style-type: none"> <li>• Packaging Method = Tray</li> </ul> <p><b>Other:</b></p> <ul style="list-style-type: none"> <li>• Brand = Raychem</li> </ul>

Feedback

