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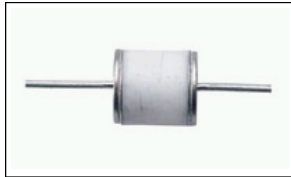**Products**   **Documentation**   **Resources**   **My Account**   **Customer Support**

GTCA28 -302M - P01 Product Details

GTCA28 -302M - P01

TE Part Number: E54951 - 000
✔ Active
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Gas Discharge Tube Devices (GDT)

Always EU RoHS/ELV Compliant   (Statement of Compliance)

Product Highlights:
- 2 Electrodes
- Diameter = 8.00 mm
- DC Sparkover Voltage = 3000 V
- Impulse Discharge Current (8x20us) 10 Hits = 3 kA
- Lead Type = Axial Leaded

View all Features | Find Similar Products

Documentation & Additional Information

Product Drawings:
- Gas Discharge Tube GTCA28   - xx2x - P0x High Voltage Two ...
  (PDF, English)

Catalog Pages/Data Sheets:
- None Available

Product Specifications:
- None Available

Application Specifications:
- None Available

Instruction Sheets:
- None Available

CAD Files:
- None Available

Additional Information:
- Product Line Information

Related Products:
- Tooling

List all Documents

Product Features   (Please use the Product Drawing for all design activity)

Electrical Characteristics:
- DC Sparkover Voltage (V)   = 3000
- Impulse Discharge Current (8x20us) 10 Hits (kA) = 3
- Tolerance of DC Sparkover Voltage = +/ - 20%
- Impulse Sparkover Voltage (@100V/us) (V) = <=4000
- Impulse Discharge Current (8x20us) Single Hit (kA) = 10
- Impulse Life (10x1000us) = 10 Hits @ 500A
- AC Discharge Current (50Hz; Single Hit) (Amps.) = 5
- AC Discharge Current (50Hz; Repetitive) (Amps.) = 1 (10 times)
- Insulation Resistance = >=10,000M   ? @ 1000VDC
- Capacitance @ 1MHz (pF) = <=1.0

Body Related Features:
- Lead Type   = Axial Leaded

Configuration Related Features:
- Number of Electrodes   = 2
- Diameter (mm [in])   = 8.00 [0.315]
- Fail - Short Device   = Without

Industry Standards:
- RoHS/ELV Compliance   = RoHS compliant, ELV compliant
- Lead Free Solder Processes   = Wave solder capable to 240°C, Wave solder capable to 260°C, Wave solder capable to 265°C
- RoHS/ELV Compliance History = Always was RoHS compliant

Conditions for Usage:
- Operating Temperature (°C) =   -40 − + 90

Other:
- Brand = Raychem