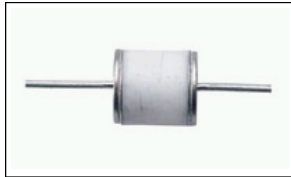


GTCA28 - 242M - P03 Product Details



GTCA28 - 242M - P03

TE Part Number: F08012 - 000

[Active](#)

[Add to Part List](#)

Gas Discharge Tube Devices (GDT)

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

Product Highlights:

- ? 2 Electrodes
- ? Diameter = 8.00 mm
- ? DC Sparkover Voltage = 2400 V
- ? Impulse Discharge Current (8x20us) 10 Hits = 3 kA
- ? Lead Type = Axial Leaded

[View all Features](#) | [Find Similar Products](#)

Quick Links

- [Check Pricing & Availability](#)
- [Search for Tooling](#)
- [Product Feature Selector](#)
- [Contact Us About This Product](#)

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 \(V\)](#) = 2400
- ? [Impulse Discharge Current \(8x20us\) 10 Hits \(kA\)](#) = 3
- ? Tolerance of DC Sparkover Voltage = +/- 20%
- ? Impulse Sparkover Voltage (@100V/us) (V) = <=3000
- ? 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