

GTCA28 - 251L - P05 Product Details



GTCA28 - 251L - P05

TE Part Number: F83433 - 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 = 250 V
- ? Impulse Discharge Current (8x20us) 10 Hits = 5 kA
- ? Lead Type = Axial Leaded

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Quick Links

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Documentation & Additional Information

Product Drawings:

- ? [Gas Discharge Tube GTCx28 -xxx -P05 Standard Two Elec...](#) (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](#)

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Product Features

(Please use the Product Drawing for all design activity)

Electrical Characteristics:

- ? [DC Sparkover Voltage \(V\)](#) = 250
- ? [Impulse Discharge Current \(8x20us\) 10 Hits \(kA\)](#) = 5
- ? Tolerance of DC Sparkover Voltage = +/- 15%
- ? Impulse Sparkover Voltage (@100V/us) (V) = <=600
- ? Impulse Sparkover Voltage (@1kV/us) (V) = <=800
- ? Impulse Discharge Current (8x20us) Single Hit (kA) = 10
- ? Impulse Life (10x1000us) = 300 Hits @ 500A
- ? AC Discharge Current (50Hz; Single Hit) (Amps.) = 65
- ? AC Discharge Current (50Hz; Repetitive) (Amps.) = 10 (10 times)
- ? Insulation Resistance = >=10,000M ? @ 100VDC
- ? 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