

## GTCA28 - 151M - P15 Product Details



### GTCA28 - 151M - P15

TE Part Number: D90539 - 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 = 150 V
- ? Impulse Discharge Current (8x20us) 10 Hits = 15 kA
- ? Lead Type = Axial Leaded

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### Quick Links

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

### Documentation & Additional Information

#### Product Drawings:

- ? [Gas Discharge Tube GTCx28 -xxxx -P15 High Surge Two El...](#) (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 \(V\)](#) = 150
- ? [Impulse Discharge Current \(8x20us\) 10 Hits \(kA\)](#) = 15
- ? Tolerance of DC Sparkover Voltage = 120 - 180V
- ? Impulse Sparkover Voltage (@100V/us) (V) = <=500
- ? Impulse Sparkover Voltage (@1kV/us) (V) = <=600
- ? Impulse Discharge Current (8x20us) Single Hit (kA) = 20
- ? Impulse Life (10x1000us) = 300 Hits @ 100A
- ? AC Discharge Current (50Hz; Single Hit) (Amps.) = 90
- ? AC Discharge Current (50Hz; Repetitive) (Amps.) = 20 (10 times)
- ? Insulation Resistance = >=10,000M ? @ 50VDC
- ? Capacitance @ 1MHz (pF) = <=1.5

#### 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