



# GTCS35-201M-R05 Product Details

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## Gas Discharge Tubes (GDT)

Always EU RoHS/ELV Compliant (Statement of Compliance)

### Product Highlights:

- 3 Electrodes
- Diameter = 5.00 mm
- DC Sparkover Voltage = 200 V
- Impulse Discharge Current (8x20us) 10 Hits = 5 kA
- Lead Type = Surface Mount Terminals

[View all Features](#)

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## GTCS35-201M-R05 (RF1448-000)

TE Internal Number: RF1448-000

Active

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## Documentation & Additional Information

**Product Drawings:**

- None Available

**Catalog Pages/Data Sheets:**

- [CP CATALOG 2011-GDT](#) (PDF, English)

**Product Specifications:**

- [GTCX35-XXXM-R05 Series](#) (PDF, English)

**Application Specifications:**

- None Available

**Instruction Sheets:**

- None Available

**CAD Files:**

- None Available

**Related Products:**

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

**Electrical Characteristics:**

- DC Sparkover Voltage (V) = 200
- Impulse Discharge Current (8x20us) 10 Hits (kA) = 5
- Capacitance @ 1MHz (pF) = <1.0
- AC Discharge Current (50 Hz, 1 sec duration, 10 Hits) (A) = 5Arms
- Tolerance of DC Sparkover Voltage = +/- 20%
- Impulse Sparkover Voltage (@100V/μs) (V) = <600
- Impulse Sparkover Voltage (@1kV/us) (V) = <700
- Insulation Resistance MΩ = >= 10,000 @ 100VDC

**Dimensions:**

- Diameter (mm [in]) = 5.00 [0.197]

**Body Features:**

- Lead Type = Surface Mount Terminals

**Configuration Features:**

- Number of Electrodes = 3
- Fail-Short Device = Without

**Industry Standards:**

- [RoHS/ELV Compliance](#) = RoHS compliant, ELV compliant
- [Lead Free Solder Processes](#) = Reflow solder capable to 245°C, Reflow solder capable to 260°C
- RoHS/ELV Compliance History = Always was RoHS compliant

**Environmental:**

- Operating Temperature (°C) = -40 - +90

**Packaging Features:**

- Packaging Method = Tray

**Other:**

- Brand = Raychem

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