

Specification Status: Released

Marking:

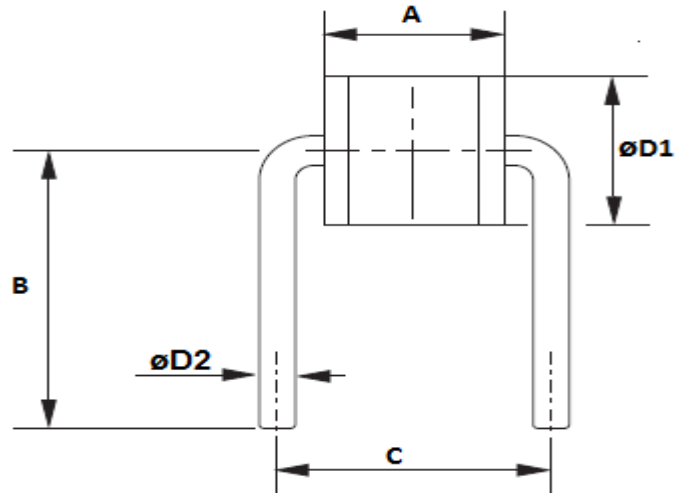
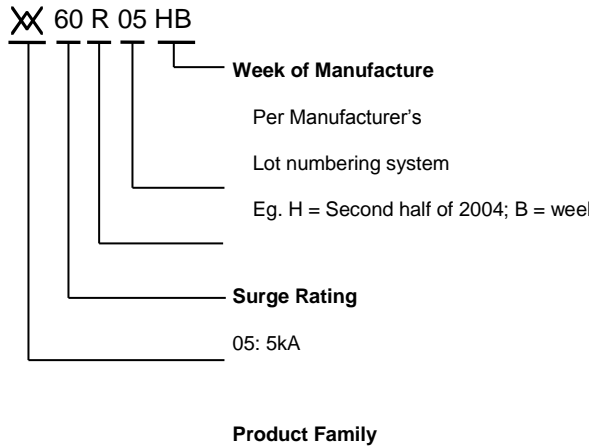


TABLE I. DIMENSIONS

| | A | | B | C | | D1 | | D2 |
|-----|--------|--------|--------|--------|--------|--------|--------|---------|
| | MIN | MAX | NOM | MIN | MAX | MIN | MAX | NOM |
| mm | 4.8 | 5.2 | 10 | 7.3 | 7.9 | 4.8 | 5.2 | 0.8 |
| in* | (0.19) | (0.20) | (0.39) | (0.29) | (0.31) | (0.19) | (0.20) | (0.032) |

*Rounded off approximation

TABLE II. ELECTRICAL CHARACTERISTICS

| DC Sparkover Voltage* | Impulse Sparkover Voltage | | Insulation Resistance | Capacitance | AC Discharge Current, 50 Hz | Impulse Discharge Current 10/1000 μ s | Impulse Discharge Current, 8/20 μ s |
|-----------------------|---------------------------|------------------|-------------------------|-------------|---|---|---|
| @ 100V/s | @100V/ μ s | @10 00V/ μ s | @100V _{DC} | @1MHz | Multiple Hits (1s duration: 10 hits) | 300 hits (150hits for each polarity) | 10 hits (5hits for each polarity) |
| 600V \pm 15% | \leq 950V | \leq 110 0V | \geq 10,000M Ω | <1.0pF | 5Arms | 100A | 5kA |

*In ionized mode
Testing methods and specifications referring to ITU-T K.12



Expertise Applied | Answers Delivered

Gas Discharge Tube

Over-Voltage Protection Device

PRODUCT: GTCR25-601L-R05

DOCUMENT: SCD28917
REV LETTER: A
REV DATE: JULY 26, 2016
PAGE NO.: 2 OF 2

General Characteristics:

No Radioactive Materials

Storage temperature: -40°C ... +90°C

Operating temperature: -40°C ... +90°C

Electrode: Ni Plating

Lead Material: Tin Plated

Agency Recognitions:

UL Recognized

Precedence:

This specification takes precedence over documents referenced herein

Effectivity:

Reference documents shall be the issue in effect on the date of invitation for bid

CAUTION:

Operation beyond the rated voltage or current may result in rupture, electrical arcing or flame

Materials Information

ROHS Compliant

ELV Compliant

Ph-Free

Directive 2002/95/EC
Compliant

Directive 2000/53/EC
Compliant



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