

Specification Status: Released

Marking:

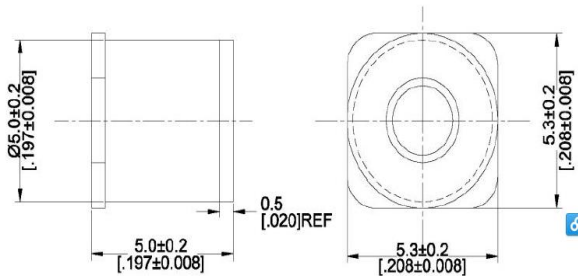
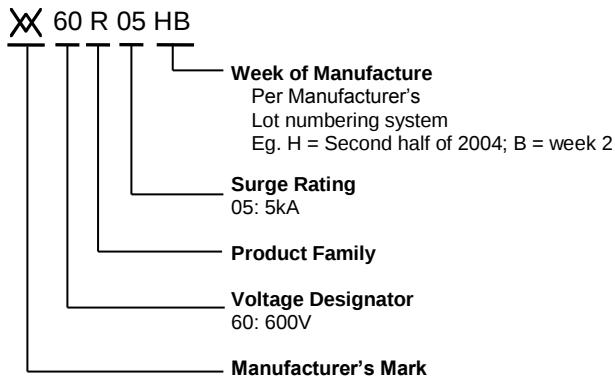


TABLE I. ELECTRICAL CHARACTERISTICS

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	@1000V/ μ s	@100V _{DC}	@1MHz	Multiple Hits (1s duration: 10 hits)	300 hits (150hits for each polarity)	10 hits (5hits for each polarity)
350V $\pm$ 20%	≤ 900 V	≤ 1000 V	$\geq 10,000$ M Ω	<1.0pF	5Arms	100A	5kA

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

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

Directive 2002/95/EC
Compliant

ELV Compliant

Directive 2000/53/EC
Compliant

Pb-Free



Gas Discharge Tube

Over-Voltage Protection Device

PRODUCT: GTCS25-351M-R05

DOCUMENT: SCD28972
REV LETTER: A
REV DATE: JULY 26, 2016
PAGE NO.: 2 OF 2

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