

Specification Status: Released

Marking:

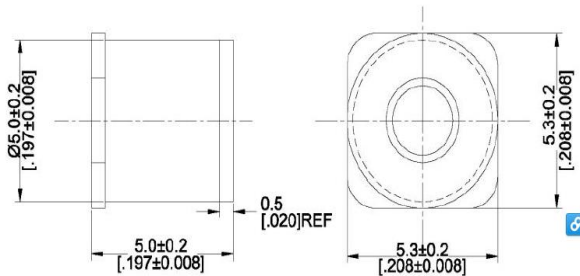
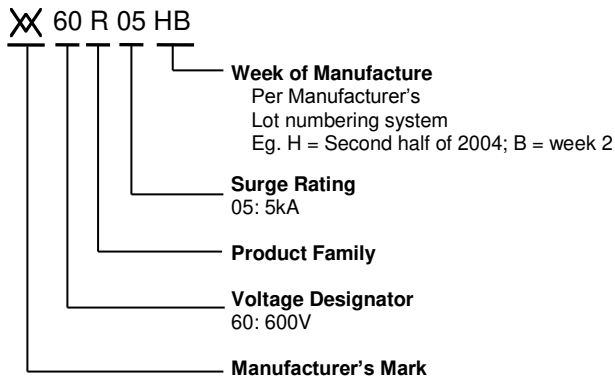


TABLE I. ELECTRICAL CHARACTERISTICS

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/ μ s	@ 100V/ 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%	$\leq 900V$	$\leq 1000V$	$\geq 10,000M\Omega$	<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





Expertise Applied | Answers Delivered

Gas Discharge Tube

Over-Voltage Protection Device

PRODUCT: GTCS25-351M-R05

DOCUMENT: SCD28972

REV LETTER: A

REV DATE: JULY 26, 2016

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