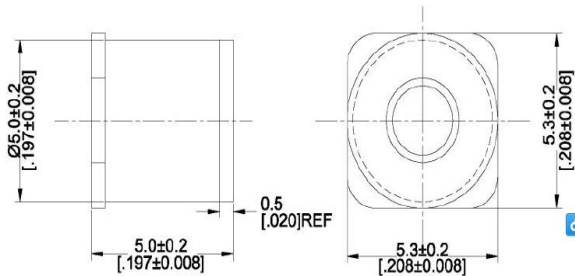


## Specification Status: Released

### Marking:

XX 60 R 05 HB

- Week of Manufacture**  
Per Manufacturer's Lot numbering system  
Eg. H = Second half of 2004; B = week 2
- Surge Rating**  
05: 5kA
- Product Family**
- Voltage Designator**  
60: 600V
- Manufacturer's Mark**



**TABLE I. ELECTRICAL CHARACTERISTICS**

DC Sparkover Voltage*	Impulse Sparkover Voltage		Insulation Resistance	Capacitance	AC Discharge Current, 50 Hz	Impulse Discharge Current 10/1000 $\mu$ s	Impulse Discharge Current, 8/20 $\mu$ s
	@ 100V/ $\mu$ s	@ 1000V/ $\mu$ s					
@ 100V/s	@ 100V/ $\mu$ s	@ 1000V/ $\mu$ s	@ 100V <sub>DC</sub>	@ 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

PAGE NO.: 2 OF 2

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