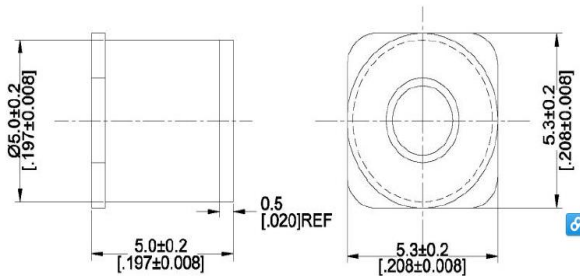
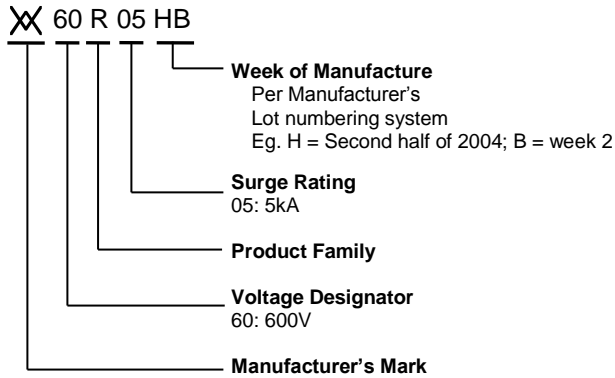


**Specification Status: Released**

**Marking:**



**TABLE I. ELECTRICAL CHARACTERISTICS**

DC Sparkover Voltage*	Impulse Sparkover Voltage		Insulation Resistance	Capacitance	AC Discharge Current, 50 Hz	Impulse Discharge Current 10/1000 $\mu$ 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**

**ELV Compliant**

**Pb-Free**

Directive 2002/95/EC Compliant

Directive 2000/53/EC Compliant





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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