

Specification Status: Released

Marking:

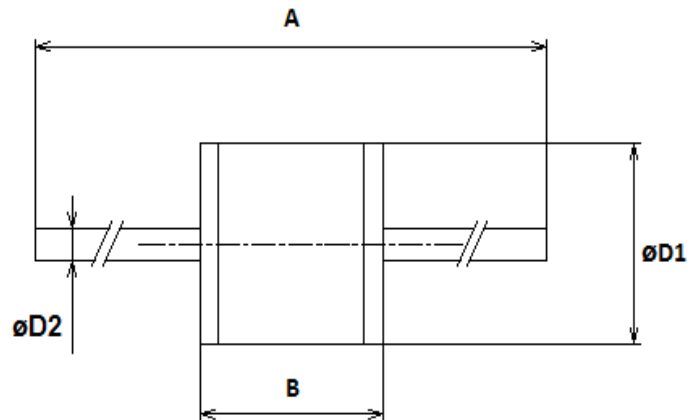
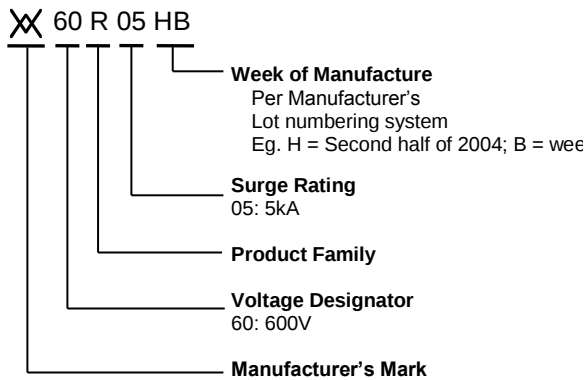


TABLE I. DIMENSIONS

	A		B		D1		D2
	MIN	MAX	MIN	MAX	MIN	MAX	NOM
	56.0	64.0	4.8	5.2	4.8	5.2	0.8
mm							
in*	(2.20)	(2.52)	(0.19)	(0.20)	(0.19)	(0.20)	(0.032)

*Rounded off approximation

TABLE II. ELECTRICAL CHARACTERISTICS

DC Sparkover Voltage*	Impulse Sparkover Voltage ⁽¹⁾		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	@250V _{DC}	@1MHz	Multiple Hits (1s duration: 10 hits)	300 hits (150hits for each polarity)	10 hits (5hits for each polarity)
600V $\pm$ 15%	950V	1100V	$\geq$ 10,000M Ω	<1.0pF	5Arms	100A	5kA

*In ionized mode

Testing methods and specifications referring to ITU-T K.12

Impulse Sparkover Voltage is defined as typical values of distribution.

General Characteristics:

No Radioactive Materials

Storage temperature: -40°C ... +90°C

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

Electrode: Ni Plating

Lead Material: Tin Plated

Gas Discharge Tube

Over-Voltage Protection Device

PRODUCT: GTCA25-601L-R05

DOCUMENT: SCD29023
REV LETTER: A
REV DATE: JULY 26, 2016
PAGE NO.: 2 OF 2

Agency Recognitions:

Precedence:

Effectivity:

CAUTION:

flame

UL Recognized

This specification takes precedence over documents referenced herein

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

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

Materials Information

ROHS Compliant

Directive 2002/95/EC
Compliant

ELV Compliant

Directive 2000/53/EC
Compliant

Pb-Free



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