

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 = wee
- Surge Rating**
05: 5kA
- Product Family**
- Voltage Designator**
60: 600V
- Manufacturer's Mark**

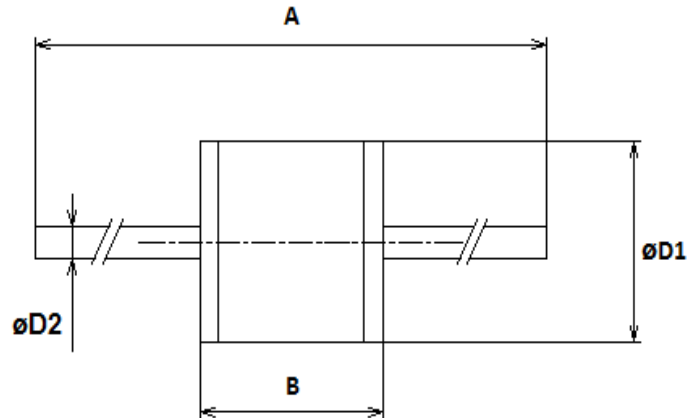


TABLE I. DIMENSIONS

	A		B		D1		D2
	MIN	MAX	MIN	MAX	MIN	MAX	NOM
mm	56.0	64.0	4.8	5.2	4.8	5.2	0.8
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 µs	Impulse Discharge Current, 8/20 µs
	@100V/µs	@1000V/µs					
@ 100V/s	@100V/µs	@1000V/µs	@250V _{DC}	@1MHz	Multiple Hits (1s duration: 10 hits)	300 hits (150hits for each polarity)	10 hits (5hits for each polarity)
600V ± 15%	950V	1100V	≥ 10,000MΩ	<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



Expertise Applied | Answers Delivered

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:

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



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