

Specification Status: Released

Marking:

XX 60 R 05 HB

Week of Manufacture

lot number system :

E.g. H = Second half of 2004; B = week 2

Surge Rating:

05: 5kA

Product Family

Voltage Designator

60 : 600 V

Manufacturer's Mark

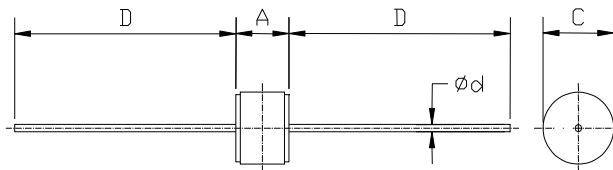


TABLE I. DIMENSIONS

	A		C		D		Ød
	MIN	MAX	MIN	MAX	MIN	MAX	NOM
mm:	5.8	6.2	7.8	8.2	26.0	30.0	0.8
in*:	(0.228)	(0.244)	(0.307)	(0.323)	(1.024)	(1.181)	(0.031)

*Rounded off approximation

TABLE II. Electrical Characteristics

Part Number	DC Sparkover Voltage (A-E) (B-E)	Impulse Sparkover Voltage (A-E) (B-E)	Insulation Resistance	Capacitance	Impulse Life	Impulse Discharge Current 8/20 µs (A+B-E)	Impulse Discharge Current 8/20 µs (A+B-E)	AC Discharge Current, 50 Hz (A+B-E)
	@ 100V/s	@1kV / µs	@100 V _{DC}	@ 1MHz	10/1000µs 300 times	Single Impulse	Repeat 10 times (5 times, each polarity)	Repeat 5 times 1s
GTCA28-601M-R05	600V ± 20%	< 1,100V	≥ 10,000MΩ	<1.0pF	100A	10kA	5kA	5A

General Characteristics

No Radioactive Materials

Storage temperature: -40°C ... +90°C

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

Body: Nickel Plated

Agency Recognitions:

Precedence:

Effectivity:

CAUTION:

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 flame.

Materials Information

ROHS Compliant

ELV Compliant

Directive 2002/95/EC
Compliant

Directive 2000/53/EC
Compliant

Gas Discharge Tube

Overvoltage Protection Device

PRODUCT: GTCA28-601M-R05DOCUMENT: SCD26698
REV LETTER: D
REV DATE: JULY 26, 2016
PAGE NO.: 2 OF 2

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