

Gas Discharge Tube

Over-Voltage Protection Device

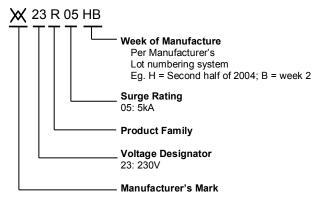
PRODUCT: GTCA28-231L-R05

DOCUMENT: SCD28817 REV LETTER: A

REV DATE: JULY 17, 2014 PAGE NO.: 1 OF 2

Specification Status: Released

Marking:



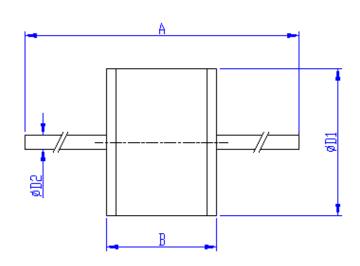


TABLE I. DIMENSIONS

	Α		В		D1		D2							
	MIN	MAX	MIN	MAX	MIN	MAX	NOM							
mm	58.0	66.0	5.8	6.2	7.8	8.2	0.8							
in*	(2.28)	(2.60)	(0.23)	(0.24)	(0.31)	(0.32)	(0.032)							

^{*}Rounded off approximation

TABLE II. ELECTRICAL CHARACTERISTICS

DC Sparkover Voltage*	Impulse Sparkover Voltage		Insulation Resistance	Capacitance	AC Discharge Current, 50 Hz	Impulse Discharge Current 10/1000 µs	Impulse Discharge Current, 8/20 µs
@ 100V/s	@100V/µs	@1000V/µs	@100V _{DC}	@1MHz	Multiple Hits (1s duration: 10 hits)	300 hits (150hits for each polarity)	10 hits (5hits for each polarity)
230V ± 15%	≤600V	≤700V	≥ 10,000MΩ	<1pF	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



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Materials Information

ROHS Compliant

ELV Compliant

Pb-Free

Directive 2002/95/EC Compliant Directive 2000/53/EC Compliant



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