

Gas Discharge Tube

Over-Voltage Protection Device

PRODUCT: GTCR38-601M-R20

DOCUMENT: SCD28627 REV LETTER: A

REV DATE: JULY 26,2016

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Specification Status: Released

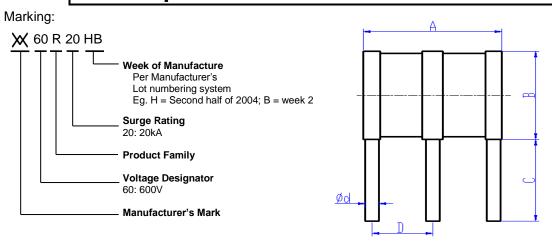


TABLE I. DIMENSIONS

	Α		В		С		D		Ød
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	NOM
mm:	9.7	10.3	7.3	7.7	6.5	7.5	4.1	4.7	1.0
in*:	(0.382)	(0.406)	(0.287)	(0.303)	(0.256)	(0.295)	(0.161)	(0.185)	(0.039)

^{*}Rounded off approximation

TABLE II. Electrical Characteristics (Terms and tests in accordance with ITU-T K.12)

DC Sparkover Voltage	Impulse Sparkover Voltage		Insulation Resistance	Capacitance	Impulse Discharge Current 8/20µs	AC Discharge Current, 50 Hz	
(A-E) (B-E)	(A-E) (B-E)				(A+B-E)	(A+B-E)	
@ 100V/s	@100V/us	@1000V/μs	@250V _{DC}	@1MHz	10 hits(5hits for each polarity)	Multiple Hits (1s duration: 10 Hits)	
600V ± 20%	≤1300V	≤1400V	≥ 10,000MΩ	<1.0pF	20kA	20Arms	

General Characteristics:

No Radioactive Materials

Storage temperature: -40°C ... +90°C
Operating temperature : -40°C ... +90°C
Electrode Material: Ni Plating
Lead Material: Tin Plated

Agency Recognitions: UL497B Recognized (File# E179610)

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

Directive 2002/95/EC Compliant

Directive 2000/53/EC Compliant **Pb-Free**





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