

Specification Status: Released

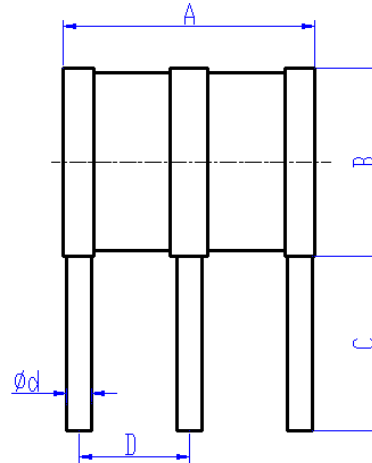
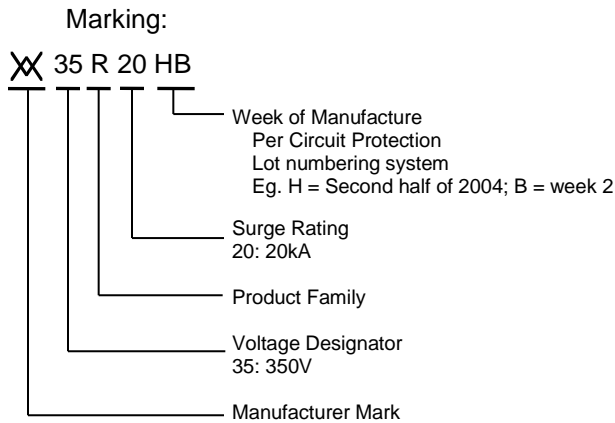


TABLE I. DIMENSIONS

A		B		C		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
(A-E) (B-E)	(A-E) (B-E)				8/20µs
@ 100V/s	@100V/µs	@1000V/µs	@100V _{DC}	@1MHz	10 hits(5hits for each polarity)
350V ± 20%	≤900V	≤1000V	≥ 10,000MΩ	<1.0pF	20kA

Impulse Discharge Current 10/1000 µs	AC Discharge Current, 50 Hz
(A+B-E)	(A+B-E)
300 hits (150hits for each polarity)	Multiple Hits (1s duration: 10 Hits)
200A	20Arms

General Characteristics

No Radioactive Materials

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

Materials Information

RoHS Compliant

Directive 2002/95/EC
Compliant

ELV Compliant

Directive 2000/53/EC
Compliant

Pb-Free



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.



Expertise Applied | Answers Delivered

Gas Discharge Tube

Over-Voltage Protection Device

PRODUCT: GTCR38-351M-R20

DOCUMENT: SCD27687

REV LETTER: B

REV DATE: July 26, 2016

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