

Specification Status: Released

Marking:

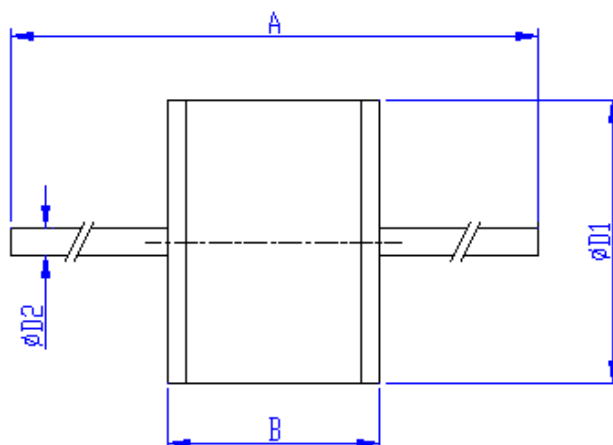
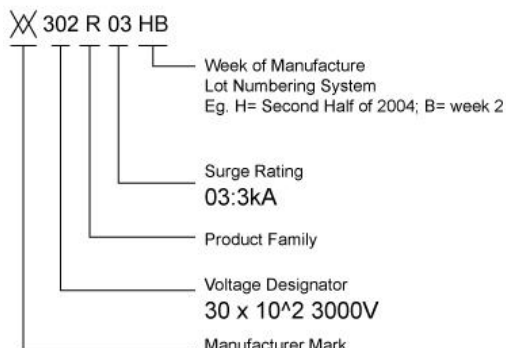


TABLE I. DIMENSIONS:

A		B		D1		D2
MIN	MAX	MIN	MAX	MIN	MAX	NOM
58.0	66.0	5.8	6.2	7.8	8.2	0.8
(2.28)	(2.60)	(0.23)	(0.24)	(0.31)	(0.32)	(0.03)

*Rounded off approximation

TABLE II. ELECTRICAL CHARACTERISTICS:

DC Sparkover Voltage	Impulse Sparkover Voltage	Insulation Resistance	Capacitance	AC Discharge Current, 50 Hz		Impulse Discharge Current 8/20μs	
@100V/s	@100V/μs	@1,000V _{DC}	@1MHz	Multiple Hits (1s duration: 10 hits)	Single hit, 9 cycles	10 hits (5hits for each polarity)	1hit
3000V ± 20%	≤4000V	≥ 10,000MΩ	≤1.0pF	1A	5A	3kA	10kA

General Characteristics:

No Radioactive Materials
Storage temperature: -40°C ... +90°C
Operating temperature: -40°C ... +90°C
Electrode: Fe-Ni alloy, Ni plated
Lead: Sn plated Copper

Agency Recognitions: UL1449 (File# E332226)
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

Directive 2002/95/EC
Compliant

ELV Compliant

Directive 2000/53/EC
Compliant

Gas Discharge Tube

Over-Voltage Protection Device

PRODUCT: GTCA28-302M-R03DOCUMENT: SCD27870
REV LETTER: C
REV DATE: JULY 26, 2016
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