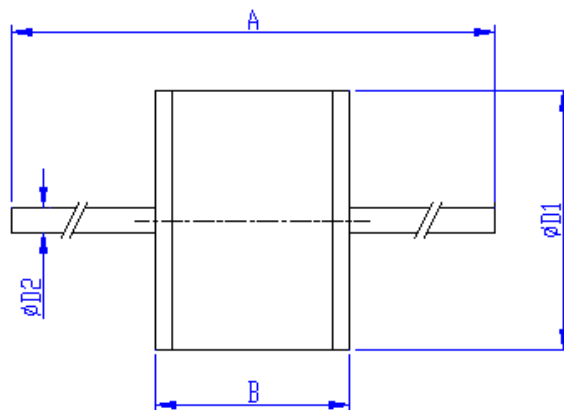
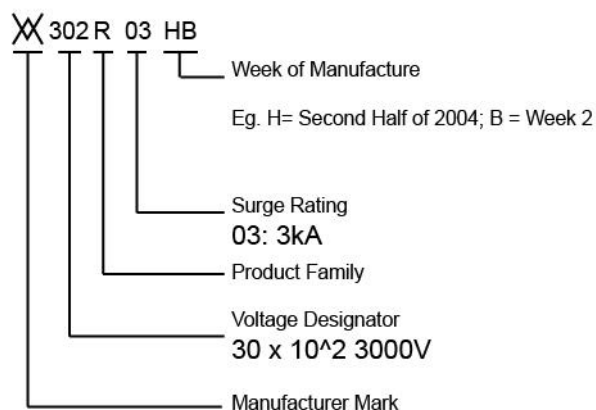


**Specification Status: Released**

**Marking:**



**TABLE I. DIMENSIONS:**

	A		B		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)	(0.03)

\*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 <sub>DC</sub>	@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

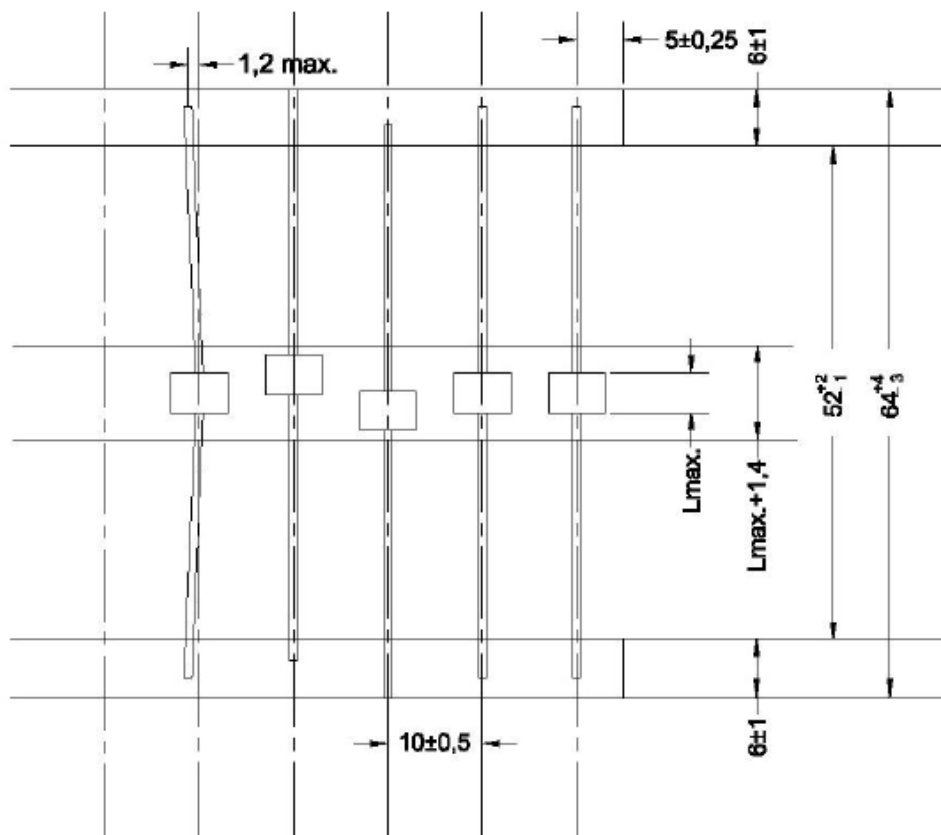
Storage temperature: -40°C ... +90°C

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

Electrode: Fe-Ni alloy, Ni plated

Lead: Sn Plated Copper

## Packaging Information (unit: mm):



## Packaging Quantity:

REEL	STANDARD PACKAGE
250PCS	1,000PCS

Agency Recognitions:

Precedence:

Effectivity:

CAUTION:

UL1449 Recognized (File# E332226)

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

Directive 2002/95/EC  
Compliant

ELV Compliant

Directive 2000/53/EC  
Compliant

Pb-Free





Expertise Applied | Answers Delivered

## Gas Discharge Tube

Over-Voltage Protection Device

**PRODUCT: GTCA28-302M-R03-2**

DOCUMENT: SCD29071

REV LETTER: A

REV DATE: JULY 26, 2016

PAGE NO.: 3 OF 3

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