

Gas Discharge Tube

High Voltage Two Electrode Series

Over-Voltage Protection Device

PRODUCT: GTCA28-272L-R03

DOCUMENT: SCD27725

REV LETTER: D

REV DATE: July 26, 2016

PAGE NO.: 1 OF 2

Specification Status: Released

Marking:

XX 272 R 03 HB
 — Week of Manufacture
 lot number system:
 E.g. H = Second half of 2004; B = week
 — Surge Rating:
 03 : 3kA
 — Product Family
 Voltage Designator
 27x 10²: 2700V
 — Manufacturer Symbol

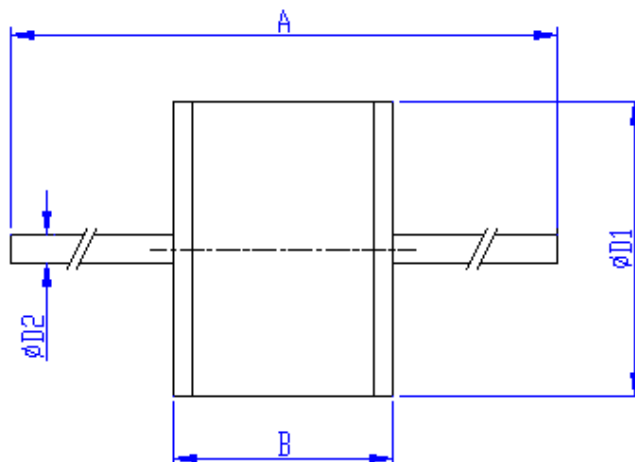


TABLE I. DIMENSIONS:

	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	Impulse Discharge Current 8/20μs		
@ 5,000V/s	@100V/μs	@1,000V _{DC}	@1MHz	300hits (150hits for each polarity)	10 hits (5hits for each polarity)	1hit
2700V ± 15%	≤3,700V	≥ 10,000MΩ	<1.0pF	100A	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

Note (*) Can work at 105°C. Please contact Littelfuse for more information

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

ELV Compliant

Directive 2002/95/EC
Compliant

Directive 2000/53/EC
Compliant

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