

Specification Status: Released

Marking:

X 212 R 03 HB
Week of Manufacture
 Per Manufacturer's
 lot number system:
 E.g. H = Second half of 2004; B = week 2
Surge Rating:
 03: 3kA
Product Family
Voltage Designator
 21 x 10² 2100V
Manufacturer's Symbol

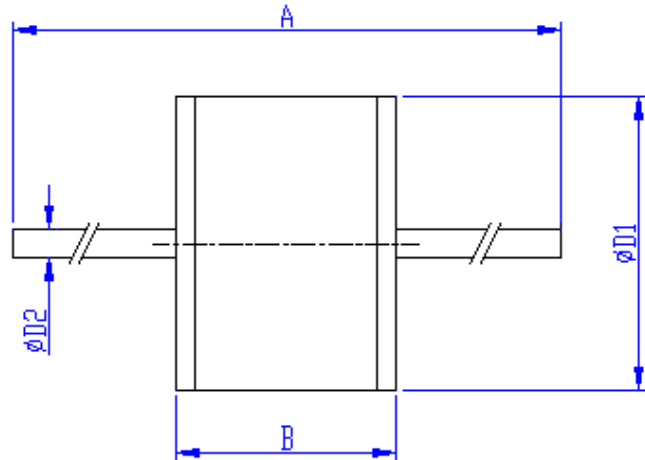


TABLE I. DIMENSIONS:

	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	AC Discharge Current, 50 Hz		Impulse Discharge Current, 8/20 μ s	
@ 100V/s	@100V/ μ s	@500V _{DC}	@1MHz	Multiple Hits (1s duration: 10 hits)	Single hit, 9 cycles	10 hits (5hits for each polarity)	1hit
2100V $\pm$ 20%	$\leq$ 2, 700V	$\geq$ 10,000M Ω	<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 Recognized (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

Pb-Free

Directive 2002/95/EC
Compliant

Directive 2000/53/EC
Compliant



Gas Discharge Tube

Over-Voltage Protection Device

PRODUCT: GTCA28-212M-R03

DOCUMENT: SCD28002
REV LETTER: C
REV DATE: JULY 26, 2016
PAGE NO.: 2 OF 2

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