

Specification Status: Released

Marking:

XX 25 R 05 HB

Week of Manufacture
Per Manufacturer's
Lot numbering system
Eg. H = Second half of 2004; B = week 2

Surge Rating
05: 05kA

Product Family

Voltage Designator
25: 250V

Manufacturer's Mark

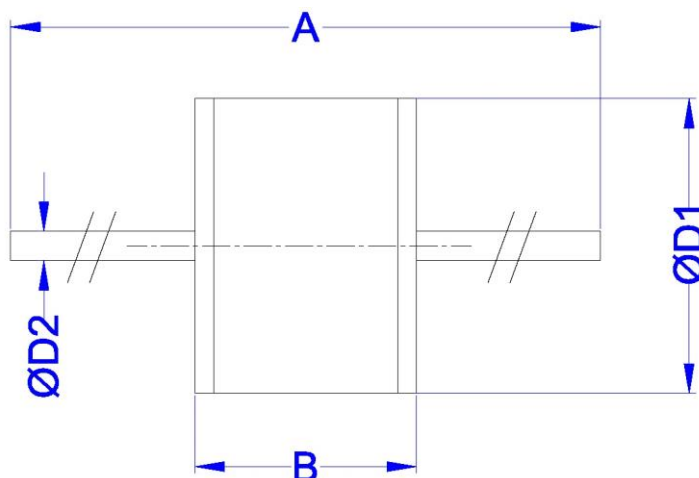


TABLE 1. DIMENSIONS:

	A		B		ØD1		ØD2
	MIN	MAX	MIN	MAX	MIN	MAX	NOM
mm:	60.0	64.0	4.0	4.4	5.8	6.2	0.8
in*:	(2.36)	(2.52)	(0.16)	(0.17)	(0.23)	(0.24)	(0.03)

*Rounded off approximation

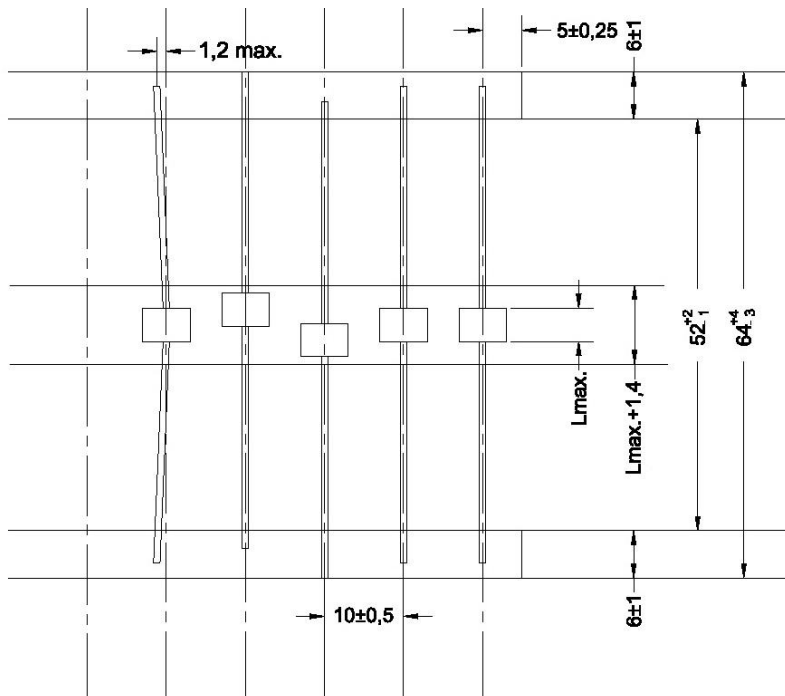
TABLE 2. ELECTRICAL CHARACTERISTICS:

DC Sparkover Voltage*	Impulse Sparkover Voltage	Impulse Sparkover Voltage	Insulation Resistance	Capacitance	Impulse Discharge Current 8/20µs	AC Discharge Current, 50 Hz	
@ 100V/s	@100V/µs	@1000V/µs	@100Vdc	@ 1MHz	10 hits(5 hits for each polarity)	Multiple Hits (1s duration: 10 Hits)	Single hit, 9 cycles
250V ± 20%	≤600V	≤700V	≥10,000Mohms	<1.0pF	5kA	1A	5A

*In ionized mode

Testing methods and specifications referring to ITU-T K.12

TAPING INFORMATION: [Unit: mm]



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

Agency Recognitions:

N/A

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

Pb-Free





Expertise Applied | Answers Delivered

Gas Discharge Tube

Over-Voltage Protection Device

PRODUCT: GTCA26-251M-R05-2

DOCUMENT : SCD28806
REV LETTER: A
REV DATE: JULY 26, 2016
PAGE NO.: 3 of 3

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