

90V Ceramic Gas Discharge Tubes

1. Features

- FeatureNon-Radioactive
- SMD Device
- ROHS Compliant
- High insulation resistance
- LOW Capacitance
- Fast response-time
- Extremely small size

2. Applications

- PON protection
- Consumer electronic
- PCI Cards protection
- XDSL Splitter
- Telephone/Fax/modem protection
- Electrostatic charge elimination
- Date/Single line protection

3. Product characteristics

Part Number	Physical dimensions	Packing	Quantity per reel	Reel Size
4532-091-LF(ES)	4.5mm*3.2mm*2.7mm	Tape	2500 PCS	13 inches

Table-1 Ordering information

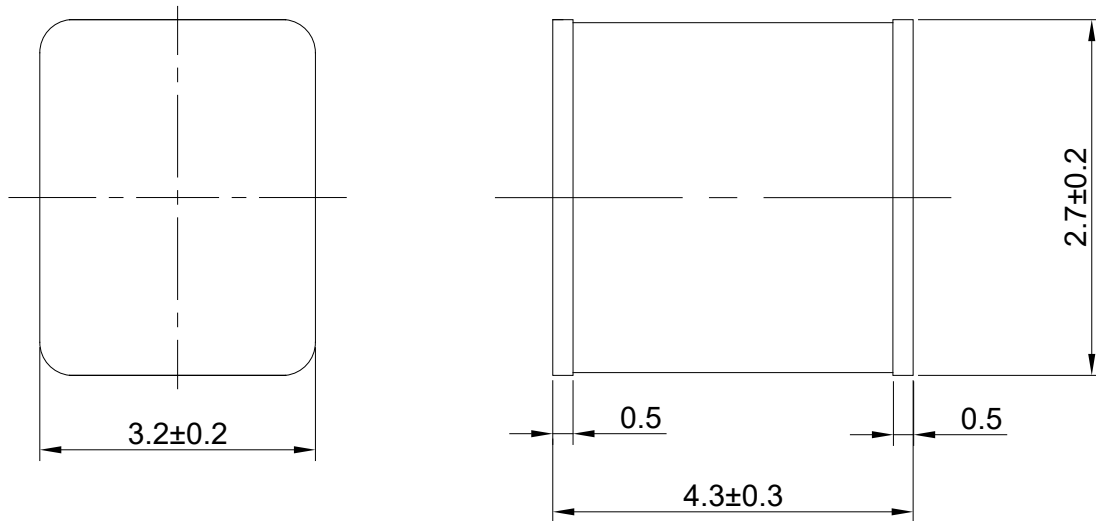
4. Electrical Characteristics

Part number	DC spark-over Voltage	Impulse spark-over Voltage	Impulse Discharge current		AC discharge current 50Hz	Electrode Capacitance	Insulation resistance	DC Holdover voltage
	100V/S	1 KV/μs	8/20 μs ± 5 times	10/1000μs 5A	1S,5 times	1MHz		
4532-091-LF(ES)	90V ±20%	<600V	2KA	100 times	2A	<0.5pF	>1GR	52V

Notes:

- 1、 Insulation resistance measure at:
DC 50V for the 4532-091-LF(ES) DC 100V for other.
- 2、 Terms in accordance with ITU-T K. 12 and GB/T 9043-2008
- 3、 At delivery AQL 0.65 level II DIN ISO 2859

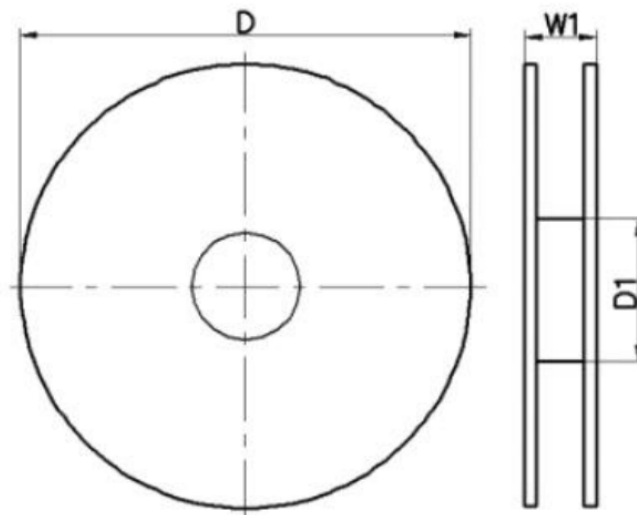
5. Dimension



Dimensions in mm.

6. Braidtype

D(mm)	D1(mm)	W1(mm)	QTY: 2500PCS
330	10	12	



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