

## 90V Ceramic Gas Discharge Tubes

## 1. Features

- Non-Radioactive
- ROHS Compliant
- LOW Capacitance
- High insulation resistance
- Fast response-time

## 2. Applications

- Branch exchange
- Date/Single line protection
- Station protection
- Telephone/Fax/modem protection
- Consumer electronic

## 3. Product characteristics

Part Number	Physical dimensions	Packing	Quantity per reel	Reel Size
SMD5050-090NA(ES)	4.2mm*5.0mm*5.0mm	Tape & Reel	1,000 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/ $\mu$ s	8/20 $\mu$ s $\pm$ 5 times	10/1000 $\mu$ s 100A	1S,5 times	1MHz		
SMD5050-090NA(ES)	90V $\pm$ 20%	<600V	5KA	100times	5A	<0.8pF	>1G $\Omega$	52V

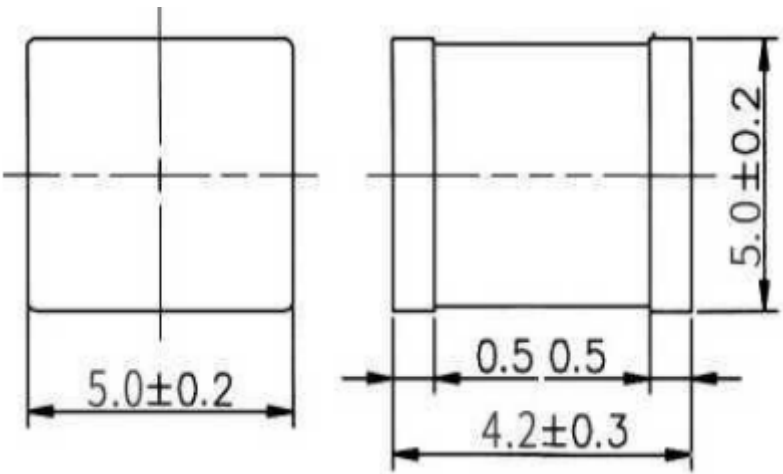
Notes:

- Insulation resistance measure at:  
DC 50V for the SMD5050-090NA(ES)  
DC 100V for other.
- Terms in accordance with ITU-T K. 12 and GB/T 9043-2008
- At delivery AQL 0.65 level II DIN ISO 2859

**SMD5050-090NA(ES)**

Rev-1.1

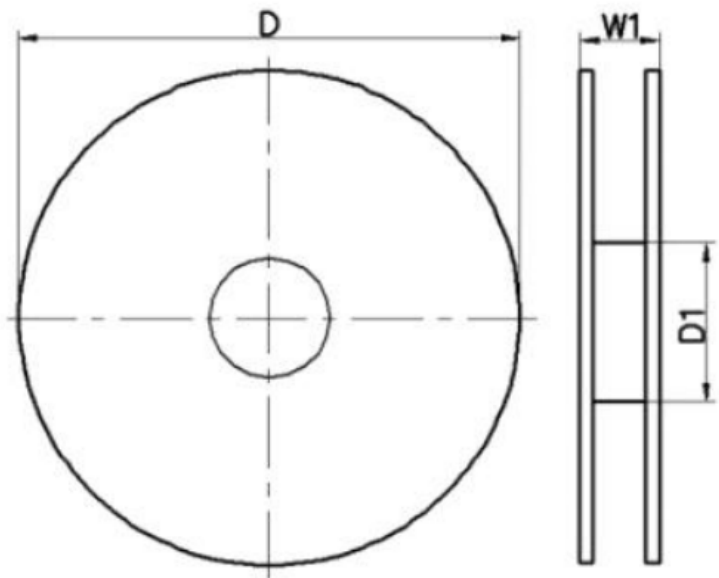
5. Dimension



Dimensions in mm.

6. Braidtype

D(mm)	D1(mm)	W1(mm)	QTY: 1000PCS
330	10	16	



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