

90V Ceramic Gas Discharge Tubes

1. Features

- FeatureNon-Radioactive
- ROHS Compliant
- LOW Capacitance
- Extremely small size

- SMD Device
- High insulation resistance
- Fast response-time

2. Applications

- PON protection
- PCI Cards protection
- Telephone/Fax/modem protection
- Date/Single line protection

- Consumer electronic
- XDSL Splitter
- Electrostatic charge elimination

3. Product characteristics

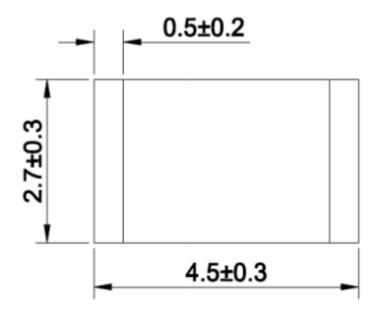
Part Number	Physical dimensions	Packing	Quantity per reel	Reel Size
SMD4532-090NF(ES)	4.5mm*3.2mm*2.7mm	Tape	2500 PCS	13 inches

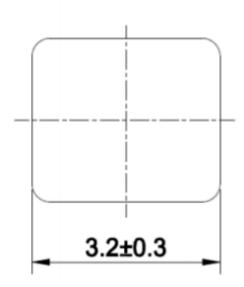
Table-1 Ordering information

4. Electrical Characteristics

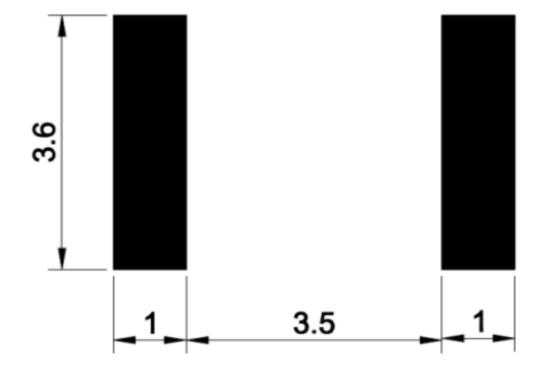
Part number	DC spark-over Voltage 100V/s	Impulse spark-over Voltage 1 KV/µs			Electrode Capacitance 1MHz	Insulation resistance	DC Holdover voltage
SMD4532- 090NF(ES)	90V ±30%	<600V	2KA	4.0KV	<1.0pF	>100MΩ	50V

5. Mechanical Dimension

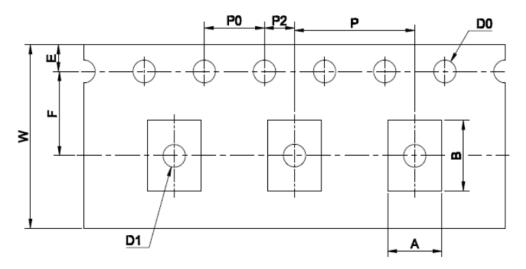


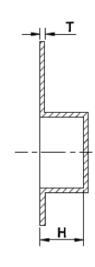


6. Recommended Land Pattern(unit:mm)

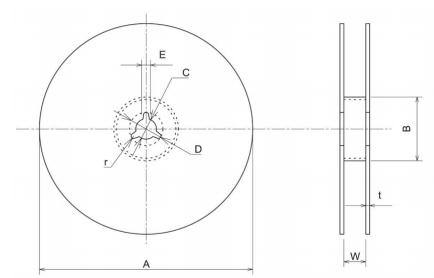


7. Packaging(unit:mm)





A	В	W	E	F	Р	P ₂
3.6±0.1	4.6±0.1	12±0.2	1.75±0.1	5.50±0.05	8.0±0.1	2.0±0.05
P_0	D_0	D ₁	Т	Н		
4.0±0.1	Ф1.5±0.1	Φ1.5±0.1	0.30±0.05	2.9±0.1		



Α	330±2
В	80±0.5
С	13±0.5
D	21±0.8
Е	2.0±0.05
W	13.5 ^{+1.5} _{-0.5}
t	1.6±0.5
r	1



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