SANKŌSHA

Coaxial Surge Protectors (SPD's)

Part Number: TNC-JP-2

Features:

- · High reliability protection from surges caused by lightning or other electrical transients
- High energy / low capacitance GDT technology
- High durability and RoHS Compliant
- Low insertion loss

Electrical Characteristics

DC Breakdown (Turn-On) (100V/s)

Voltage Protection Level - U_n (Impulse Breakdown V)

Frequency Range

Technology Type

· High frequency and bidirectional



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100% Lead-Free	(RoHS	Compliant)
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Insertion Loss	< 0.3dB		
Return Loss	≥ 14dB		
VSWR	< 1.2:1		
Maximum Power	10W		
Maximum Current (8/20 us)	5kA (10 times), 10kA (1 time)		
Maximum Current (10/350 us)	2.5kA (2 times)		
Impedance	50 Ω		
Insulation Resistance (at $100V_{DC}$)	≥ 100M Ω		
Mechanical Characteristics			
Connector Type	TNC Type (P-J)		
Connection Method	Series (Bidirectional)		

DC - 3GHz

Gas Discharge Tube (GDT)

≥ 120V

≤ 900V

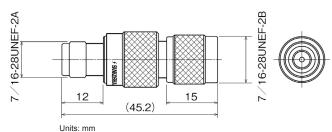
Environmental Characteristics	
Weight	42g (1.48oz)
Grounding	None
Connection Method	Series (Bidirectional)
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Operating Temperature Range	-20°C to +60°C (-4°F to 140°F)	
Maximum Operating Altitude	2000m (6562ft)	
Relative Humidity	≤ 90%	

Applications:

- Mobile Telephone Base Stations
- Wireless LAN Antennae
- Communication Devices
- Transmitters and Receivers
- Antenna Systems
- High Frequency Coaxial Lines using TNC-type Connectors

External view



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