

Coaxial Surge Protectors (SPD's)

Part Number: **F-JP-1W**



Features:

- High reliability protection from surges caused by lightning or other electrical transients
- Meets IEC 61643-21 compliance, Category C2 & D1 Impulse Requirements
- High energy / low capacitance GDT technology
- High durability and RoHS Compliant
- Low insertion loss
- High frequency and bidirectional
- Water resistant design



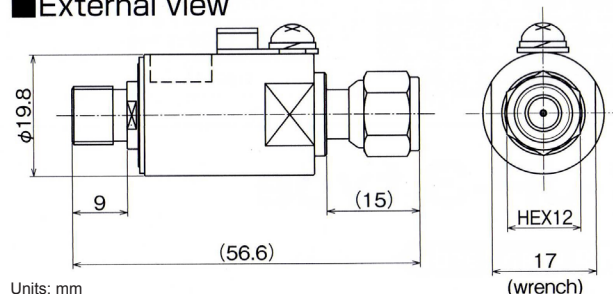
100% Lead-Free (RoHS Compliant)

| Electrical Characteristics | |
|--|---------------------------------|
| Frequency Range | DC - 3GHz |
| DC Breakdown (Turn-On) (100V/s) | ≥ 200V |
| Voltage Protection Level - U_p (Impulse Breakdown V) | ≤ 800V |
| Technology Type | Gas Discharge Tube (GDT) |
| Insertion Loss | < 0.5dB |
| Return Loss | ≥ 14dB |
| VSWR | < 1.5:1 |
| Maximum Power | 50W |
| Maximum Current - Category C2 (8/20 μ s) | 2kA (10 times), 5kA (1 time) |
| Maximum Current - Category D1 (10/350 μ s) | 1kA (2 time) |
| Impedance | 75 Ω |
| Insulation Resistance (at 100V _{DC}) | ≥ 100M Ω |
| Mechanical Characteristics | |
| Connector Type | F Type (P-J) |
| Connection Method | Series (Bidirectional) |
| Grounding | Screw |
| Weight | 68g (2.4oz) |
| Environmental Characteristics | |
| Environmental Rating | IP20 |
| Operating Temperature Range | -40°C to +70°C (-40°F to 158°F) |
| Maximum Operating Altitude | 2000m (6562ft) |
| Relative Humidity | ≤ 90% |

Applications:

- TV and Settop Tuners
- Antenna
- Cable TV
- Broadband
- Networks
- Security Systems

External view



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