Data Sheet

EMP Protector 3406.17.0009



Description

Slim Line GDT technology

Benefits

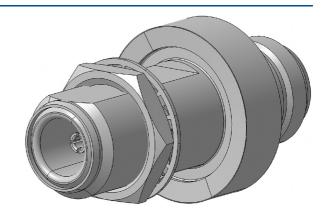
Broad-band design

DC continuity for remote powering

The protector can also be installed reversely

Fix installed GDT, static sparkover-voltage nom. 200 V

Compliant to IEC 61643-21



Product Configuration

Main path connectors

Mounting and grounding

Port 1: unprotected, N jack (female) - Port 2: protected, N jack (female)

MH24 (bulkhead mounting), brk (bracket)

protected side

Technical Data

Electrical Data

Side of bulkhead

Impedance 50 Ω

 Frequency range
 0 - 6000 MHz
 0 - 5600 MHz
 5600 - 5800 MHz

 Return loss
 ≥ 15 dB
 ≥ 20 dB
 ≥ 18.5 dB

 Insertion loss
 ≤ 0.3 dB
 ≤ 0.2 dB
 ≤ 0.2 dB

RF CW power \leq 50 W PIM 3rd order not specified

Surge current handling capability 10 single / 5 multiple kA (test pulse 8/20 µs)

Residual pulse energy 250 µJ typically (test pulse 4 kV 1.2/50 µs / 2 kA 8/20 µs) main path - protected side

Mechanical Data

Number of matings 500 Weight 90 g

Environmental Data

Operating temperature -40 °C to +85 °C

Waterproof degree IP67 (according to IEC 60529, data refer to the coupled state)

2011/65/EU (RoHS) Compliant exempt. 7(b)

Material Data

Piece Parts	Material	Surface Plating
Housing	Brass	Silver / Gold Plating
Port 1 center contact	Copper Beryllium Alloy	Gold Plating (without Nickel underplating)
Port 2 center contact	Copper Beryllium Alloy	Gold Plating (without Nickel underplating)

Related Documents

Outline drawing DOU-00004266
Mounting instruction DOC-0000176104

Remarks

Static spark-over voltage: 200V +/- 25% Return Loss 5600 - 5800 MHz typ > 20 dB

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