Data Sheet

EMP Protector 3406.19.0004

HUBER+SUHNER Excellence in Connectivity Solutions

Description

Slim Line GDT technology

Benefits

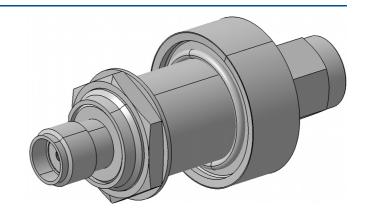
Broad-band design

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, SMA plug (male) - Port 2: protected, SMA jack (female)

MH3 (bulkhead mounting), brk (bracket)

Technical Data

Electrical Data

Impedance 50 Ω

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

 Return loss
 ≥ 18.5 dB
 ≥ 20 dB
 ≥ 18.5 dB

 Insertion loss
 ≤ 0.2 dB
 ≤ 0.2 dB
 ≤ 0.2 dB

RF CW power \leq 60 W PIM 3rd order not specified

DC supply voltage \leq 48 V DC current \leq 2 A

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 24 g

Environmental Data

Operating temperature -40 °C to +85 °C

Waterproof degree IP20 (according to IEC 60529, data refer to the coupled state)

2011/65/EC (RoHS) compliant acc. Annex III

Material Data

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

Related Documents

Outline drawing DOU-00004282.1 Mounting instruction DOC-0000176104

Remarks

Static spark-over voltage: 200V +/- 25%

Waterproof degree for unprotecded side in mated condition: IP65 acc. IEC 60529.

HUBER+SUHNER is certified according to ISO 9001, ISO 14001, AS/EN9100, ISO/TS 16949 and IRIS.

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