Data Sheet

HUBER+SUHNER

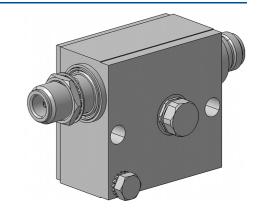
EMP Protector 3403.17.0050

Description

Fine protector hybrid technology

Benefits

Broad-band design
DC continuity for remote powering
Replaceable GDT 9071.99.0548, (90 V) included
Compliant to IEC 61643-21



Product Configuration

Main path connectors Port 1: <u>unprotected</u>, N jack (female) - Port 2: <u>protected</u>, N jack (female) Mounting and grounding MH119 (bulkhead mounting), M4 (screw), brk (bracket)

Side of bulkhead protected side

Technical Data

Electrical Data

Impedance 50Ω

Frequency range650 - 2500 MHzReturn loss≥ 20.8 dBInsertion loss≤ 0.5 dBRF CW power≤ 50 WPIM 3rd ordernot specified

DC supply voltage \leq 15 V DC current \leq 3 A

Surge current handling capability 30 single / 20 multiple kA (test pulse 8/20 µs)

Residual pulse energy 6 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 330 g

Environmental Data

2015/863 and 2017/2102)

Operating temperature -40 °C to +85 °C

Waterproof degree IP65 (according to IEC 60529, data refer to the coupled state)

2011/65/EU (RoHS - including compliant acc. Annex III

Material Data

| Piece Parts | Material | Surface Plating |
|-----------------------|------------------------|--|
| Housing | Aluminium | Chromatized |
| 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-00018309.1 Mounting instruction DOC-0000176104

Remarks

Recommendation: if this protector is mated with connectors made of copper-alloy base material and trimetal or nickel plating the connector area must be taped to improve long-term durability.

Data Sheet



EMP Protector 3403.17.0050

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

www.hubersuhner.com

Waiver: Fact and figures herein are for information only and do not represent any warranty of any kind.