Data Sheet

IUBER+SUHNER

EMP Protector 3400.41.0203

Description

Quarter-wave stub technology

Benefits

The protector can also be installed reversely Compliant to IEC 61643-21



Product Configuration

Main path connectors Mounting and grounding Side of bulkhead

Port 1: unprotected, 7/16 plug (male) - Port 2: protected, 7/16 jack (female)

MH74 (bulkhead mounting), M8 (screw), brk (bracket)

protected side

Technical Data

Electrical Data

Impedance 50 Ω 380 - 512 MHz Frequency range Return loss ≥ 20 dB Insertion loss ≤ 0.1 dB ≤ 3000 W RF CW power PIM 3rd order -150 dBc typ.

Surge current handling capability

50 multiple kA (test pulse 8/20 µs) Residual pulse energy

5 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 580 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 - including compliant

2015/863 and 2017/2102)

Material Data

Piece Parts	Material	Surface Plating
Housing	Brass	SUCOPLATE (R) Plating
Port 1 center contact	Brass	Silver Plating
Port 2 center contact	Copper Beryllium Alloy	Silver Plating

Related Documents

DOU-00003816.1 Outline drawing DOC-0000176104 Mounting instruction

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

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