Data Sheet

HUBER+SUHNER

EMP Protector
3400.41.0196

Description

Quarter-wave stub technology

Benefits

The protector can also be installed reversely

Compliant to IEC 61643-21

Product Configuration

Main path connectors	Port 1: unprotected, 7/16 jack (female) - Port 2: protected, 7/16 jack (female)
Mounting and grounding	MH74 (bulkhead mounting), M8 (screw), brk (bracket)
Side of bulkhead	protected side

Technical Data

Electrical Data

Impedance	50 Ω
Frequency range	380 - 512 MHz
Return loss	≥ 20 dB
Insertion loss	≤ 0.1 dB
RF CW power	≤ 3000 W
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	573 g

Environmental Data

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 2015/863 and 2017/2102)	compliant

Material Data

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

Related Documents

Outline drawing	DOU-00003802.1
Mounting instruction	DOC-0000176104

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