Data Sheet

EMP Protector 3400.17.0247



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: <u>unprotected</u>, N plug (male) - Port 2: <u>protected</u>, N jack (female) Mounting and grounding MH50 (bulkhead mounting), M8 (screw), brk (bracket)

Side of bulkhead protected side

Technical Data

Electrical Data

Impedance 50Ω

 Frequency range
 2400 - 3600 MHz

 Return loss
 ≥ 20 dB

 Insertion loss
 ≤ 0.15 dB

 RF CW power
 ≤ 800 W

 PIM 3rd order
 not specified

Surge current handling capability 50 multiple kA (test pulse $8/20~\mu s$)

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 290 g

Environmental Data

Operating temperature -46 °C to +85 °C

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

2011/65/EU (RoHS) compliant

Material Data

Piece Parts	Material	Surface Plating
Housing	Brass	SUCOPLATE (R) 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-00003327.1 Mounting instruction DOC-0000176104

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