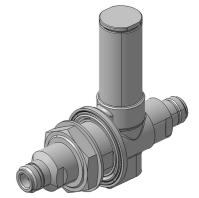


EMP Protector 3407.17.0022

Description

Quarter-wave stub technology with integrated high-pass filter

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	MH74 (bulkhead mounting), M8 (screw), brk (bracket)
Side of bulkhead	protected side
Technical Data	

Impedance	50 Ω	
Frequency range	74 - 180 MHz	
Return loss	≥ 20 dB	
Insertion loss	oss ≤ 0.15 dB	
RF CW power	≤ 500 W	
PIM 3rd order	not specified	
Surge current handling capability	50 multiple kA (test pulse 8/20 μs)	
Residual pulse energy	0.03 μJ typically (test pulse 4 kV 1.2/50 μs / 2 kA 8/20 μs) main path - protected si	
Mechanical Data		
Number of matings	500	
Weight	580 g	
Environmental Data		
Operating temperature	-40 °C to +85 °C	
Waterproof degree	IP66 (according to IEC 60529, data refer to the coupled state)	
2011/65/EU (RoHS)	compliant	

Material Data

Electrical Data

Piece Parts	Material	Surface Plating
Housing	Brass	SUCOPLATE (R) Plating
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 Mounting instruction DOU-00004317.1 DOC-0000176104

Remarks

SPD acc. EN 61643-21 categoriy D1, high energy test 25 kA, 10/350 us Mounting set 9075.99.0040 for bulkhead mounting seperately included

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

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