

EMP Protector 3404.00.0006

Description

Miniature GDT technology

Benefits

DC continuity for remote powering

Fix installed GDT, static sparkover-voltage nom. 230 V

Compliant to IEC 61643-21



Product Configuration

Main path connectors	Port 1: <u>unprotected</u> , TNC jack (female) - Port 2: <u>protected</u> , MCX jack (female)
Mounting and grounding	MH4 (bulkhead mounting), brk (bracket)
Side of bulkhead	protected side

Technical Data

Electrical Data

Impedance	50 Ω	
Frequency range	0 - 2000 MHz	0 - 1000 MHz
Return loss	≥ 16.54 dB	≥ 26.44 dB
Insertion loss	≤ 0.6 dB	≤ 0.3 dB
RF CW power	≤ 12 W	≤ 25 W
PIM 3rd order	not specified	not specified

Surge current handling capability

2.5 multiple kA (test pulse 8/20 μ s)

Residual pulse energy

250 μ J typically (test pulse 4 kV 1.2/50 μ s / 2 kA 8/20 μ s) main path - protected side

Mechanical Data

Number of matings	500
Weight	17 g

Environmental Data

Operating temperature	-40 °C to +85 °C
Waterproof degree	IP20 (according to IEC 60529, data refer to the coupled state)
2011/65/EU (RoHS - including 2015/863 and 2017/2102)	compliant acc. Annex III

Material 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	DOU-00019711.1
Mounting instruction	DOC-0000176104

Remarks

- max. power : 50 W (DC)
- Current rating: 2.5 A (DC)
- Insulation resistance: min 100 MOhm @ 50 V
- Recommended mounting torque: 5 to 6 Nm

Accessories:

- Mounting washer set: 9075.99.0078

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