

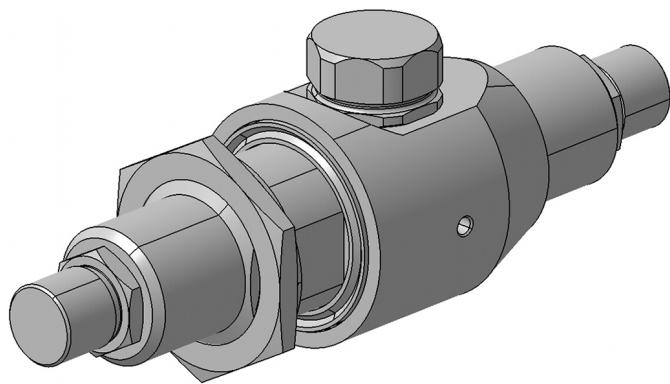
EMP Protector 3402.99.0004

Description

GDT technology up to 2.5 GHz

Benefits

- Broad-band design
- DC continuity for remote powering
- The protector can also be installed reversely
- Delivered without gas discharge tube
- Data refer to GDT 9071.99.0547, 230 V
- Compliant to IEC 61643-21



Product Configuration

Main path connectors
Mounting and grounding

Port 1: unprotected, F jack (female) - Port 2: protected, F jack (female)
MH25 (bulkhead mounting), brk (bracket)

Technical Data

Electrical Data

Impedance	75 Ω
Frequency range	0 - 1500 MHz
Insertion loss	≤ 0.5 dB
RF CW power	≤ 50 W
PIM 3rd order	not specified

Surge current handling capability
10 single / 5 multiple kA (test pulse 8/20 μs)
Residual pulse energy
350 μJ typically (test pulse 4 kV 1.2/50 μs / 2 kA 8/20 μs) main path - protected side

Mechanical Data

Weight
157 g

Environmental Data

Operating temperature	-40 °C to +85 °C
Waterproof degree	IP54 (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	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-00004160.1
Mounting instruction	DOC-0000176104

Mouser Electronics

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