Data Sheet

EMP Protector 3401.01.A

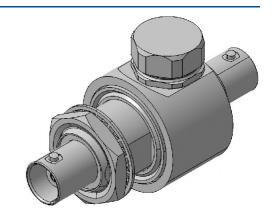


Description

GDT technology up to 1.0 GHz

Benefits

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 Port 1: <u>unprotected</u>, BNC jack (female) - Port 2: <u>protected</u>, BNC jack (female) Mounting and grounding MH12 (bulkhead mounting), brk (bracket)

Side of bulkhead protected side

Technical Data

Electrical Data

Impedance 50 Ω

Frequency range0 - 1000 MHz0 - 300 MHzReturn loss≥ 19 dB≥ 26.44 dBInsertion loss≤ 0.1 dB≤ 0.1 dBRF CW power≤ 150 W≤ 150 W

PIM 3rd order not specified

Surge current handling capability 30 single / 20 multiple kA (test pulse 8/20 µs)

 $Residual \ pulse \ energy \\ 350 \ \mu J \ typically \ (test \ pulse \ 4 \ kV \ 1.2/50 \ \mu s \ / \ 2 \ kA \ 8/20 \ \mu s) \ main \ path \ - \ protected \ side$

Mechanical Data

Number of matings 500 Weight 75 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) 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-00057120.1 Mounting instruction DOC-0000176104

Remarks

Customer part number NATO: NSN 5920-12-325-4220, 5935-99-110-3099

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