

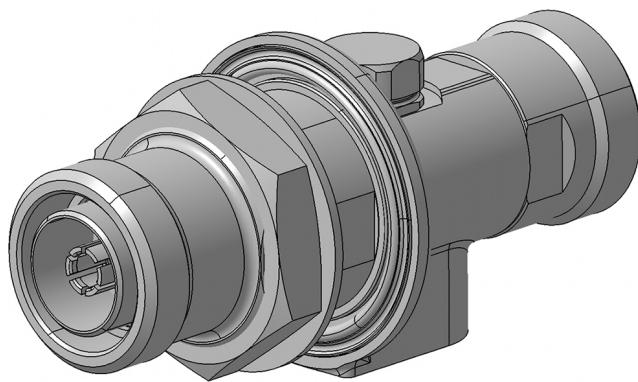
EMP Protector 3402.41.0038

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
Side of bulkhead

Port 1: unprotected, 7/16 jack (female) - Port 2: protected, 7/16 jack (female)
MH74 (bulkhead mounting), M8 (screw), brk (bracket)
protected side

Technical Data

Electrical Data

Impedance	50 Ω
Frequency range	0 - 2500 MHz
Return loss	≥ 20 dB
Insertion loss	≤ 0.2 dB
RF CW power	≤ 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 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	434 g

Environmental Data

Operating temperature	-40 °C to +85 °C
Waterproof degree	IP65 (according to IEC 60529, data refer to the coupled state)
2011/65/EU (RoHS - including 2015/863 and 2017/2102)	compliant

Material Data

Piece Parts	Material	Surface Plating
Housing	Brass	SUCOPALATE (R) Plating
Port 1 center contact	Copper Beryllium Alloy	Silver Plating
Port 2 center contact	Copper Beryllium Alloy	Silver Plating

Related Documents

Outline drawing	DOU-00004137.1
Mounting instruction	DOC-0000176104