Data Sheet

IUBER+SUHNER

EMP Protector 3402.27.0001

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

Port 1: unprotected, TNC jack (female) - Port 2: protected, TNC jack (female) Main path connectors

MH25 (bulkhead mounting), brk (bracket) Mounting and grounding Side of bulkhead

protected side

Technical Data

Electrical Data

Impedance 75 Ω Frequency range 0 - 2000 MHz 0 - 1500 MHz ≥ 16.5 dB ≥ 15.5 dB Return loss Insertion loss ≤ 0.2 dB ≤ 0.2 dB RF CW power ≤ 100 W ≤ 100 W PIM 3rd order not specified not specified

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

350 μJ typically (test pulse 4 kV 1.2/50 μs / 2 kA 8/20 μs) main path - protected side Residual pulse energy

Mechanical Data

Number of matings 500 Weight 112 g

Environmental Data

Operating temperature -40 °C to +85 °C

IP65 (according to IEC 60529, data refer to the coupled state) Waterproof degree

2011/65/EU (RoHS - including compliant

2015/863 and 2017/2102)

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

DOU-00004100 Outline drawing DOC-0000176104 Mounting instruction

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

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