

EMP Protector 3404.00.0011

Description

Slim Line GDT technology

Benefits

- DC continuity for remote powering
- Fix installed GDT, static sparkover-voltage nom. 150 V
- Broad-band design
- Space saving inline design
- Compliant to IEC 61643-21



Product Configuration

Main path connectors	Port 1: <u>unprotected</u> , TNC jack (female) - Port 2: <u>protected</u> , MMCX jack (female)
Mounting and grounding	MH119 (bulkhead mounting), brk (bracket)
Side of bulkhead	protected side

Technical Data

Electrical Data

Impedance	50 Ω
Frequency range	0 - 3000 MHz
Return loss	≥ 20 dB
Insertion loss	≤ 0.25 dB
RF CW power	≤ 30 W
PIM 3rd order	not specified
DC supply voltage	≤ 28 V
DC current	≤ 2 A
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

Environmental Data

Operating temperature	-40 °C to +85 °C
Waterproof degree	IP68 (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	Stainless Steel	Passivated (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-00399173
-----------------	--------------

Remarks

- > Static spark-over voltage: 150 V +/- 25 %
- > Waterproof TNC interface, even in un-mated conditions : IP68 acc. IEC 60529 and MIL-STD 810G Method 512.5, Procedure I (3 m of seawater, 30 min)
- > Mounting hole: 5/8-24 UNEF-2B, (16.1 mm or MH119)
- > Thermal Shock - MIL-STD-202, Method 107, Cond. B
- > Vibration - MIL-STD-202, Method 204, Cond. D
- > Moisture Resistance - MIL-STD-202, Method 106

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Surge Suppressors](#) category:

Click to view products by [Huber & Suhner](#) manufacturer:

Other Similar products are found below :

[GUS1](#) [GUS12](#) [BSPM1A600D600LVR](#) [2800521](#) [29-2053](#) [GUS11](#) [GUS2](#) [GUS3](#) [GUS4](#) [30460](#) [SRA64C060X](#) [PC642C015](#) [1810-15-A3](#)
[2713175](#) [4B06B-EC1-150LF](#) [SRA6LC](#) [BPMA75D100LV](#) [CX06M](#) [CCTV1](#) [GUS13](#) [GUS14](#) [GUS5](#) [GUS6](#) [VAL-MS 320/3+0-FM](#) [VAL-US-](#)
[120/40/1+1-FM](#) [VAL-US-120/65/1+1-FM](#) [VAL-US-480D/30/3+0-FM](#) [VAL-US-120/40/1+0-FM](#) [STCHSP121BT1RU](#) [LP-BFDN-CW](#) [LP-](#)
[STRL-NFF](#) [LP-STRL-DFE](#) [GUS22](#) [0804111](#) [5053609](#) [5053201](#) [SPD2-150-1P0](#) [SPD2-550-1P0](#) [6720005416](#) [6720005417](#) [1-2191595-2](#)
[STC-CAT6-P0E-I](#) [SPD2-350-1P0](#) [FLT-CP-350-ST](#) [TTC-6P-3-HF-F-M-12DC-UT-I](#) [SMTPA200](#) [2800989](#) [2906776](#) [2906810](#) [2906847](#)