

EMP Protector 3407.17.0086

Description

Quarter-wave stub technology with integrated high-pass filter

Benefits

- Broad-band design
- Space saving inline design
- Compliant to IEC 61643-21



Product Configuration

Main path connectors	Port 1: <u>unprotected</u> , N jack (female) - Port 2: <u>protected</u> , N jack (female)
Mounting and grounding	MH71 (bulkhead mounting), brk (bracket)
Side of bulkhead	unprotected side
Design speciality	inline design

Technical Data

Electrical Data

Impedance	50 Ω	
Frequency range	690 - 2700 MHz	690 - 2500 MHz
Return loss	≥ 24 dB	≥ 26 dB
Insertion loss	≤ 0.15 dB	≤ 0.15 dB
RF CW power	≤ 260 W	
PIM 3rd order	-150 dBc typ.	-150 dBc typ.
Surge current handling capability	20 single / 10 multiple kA (test pulse 8/20 μs)	
Residual pulse energy	0.001 μJ typically (test pulse 4 kV 1.2/50 μs / 2 kA 8/20 μs) main path - protected side	

Mechanical Data

Number of matings	50
Weight	64 g

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 acc. Annex III

Material Data

Piece Parts	Material	Surface Plating
Housing	Aluminium	
Port 1 center contact	Bronze	Gold Plating
Port 2 center contact	Bronze	Gold Plating

Related Documents

Outline drawing	DOU-00164037
Mounting instruction	DOC-0000447876

Remarks

RF CW power @ 920 MHz ≤ 500 W or RF CW power @ 2.7 GHz ≤ 260 W

Recommendation: if this protector is mated with connectors made of copper-alloy base material and trimetal or nickel plating the connector area must be taped to improve long-term durability.

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](#)