Data Sheet

EMP Protector 3402.17.K

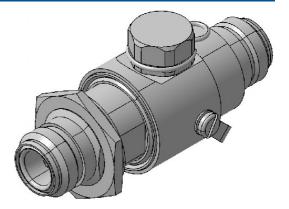
Description

GDT technology up to 2.5 GHz

Benefits

Broad-band design DC continuity for remote powering GDT holder with chain 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, N jack (female) - Port 2: protected, N jack (female) Main path connectors Mounting and grounding MH25 (bulkhead mounting), brk (bracket) Side of bulkhead protected side

Technical Data

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|-----------------------------------|---|-------------------------|--|
| Port 2 center contact | Copper Beryllium Alloy | | Gold Plating (without Nickel underplating) |
| Port 1 center contact | Copper Beryllium Alloy | | Gold Plating (without Nickel underplating) |
| Housing | Brass | | SUCOPLATE (R) Plating |
| Piece Parts | Material | | Surface Plating |
| Material Data | | | |
| 2011/65/EU (RoHS) | compliant | | |
| Waterproof degree | IP66 (according to IEC 60529, data refer to the coupled state) | | |
| Operating temperature | -40 °C to +85 °C | | |
| Environmental Data | | | |
| Weight | 150 g | | |
| Number of matings | 500 | | |
| Mechanical Data | | | |
| Residual pulse energy | 350 μJ typically (test pulse 4 kV 1.2/50 μs / 2 kA 8/20 $\mu s)$ main path - protected side | | |
| Surge current handling capability | 30 single / 20 multiple kA (test pulse 8/20 μs) | | |
| PIM 3rd order | not specified | not specified | |
| RF CW power | ≤ 150 W | ≤ 150 W | |
| Insertion loss | ≤ 0.2 dB | ≤ 0.1 dB | |
| Frequency range Return loss | 0 - 2500 MHZ ≥ 20 dB | 0 - 1000 MHZ ≥ 26 dB | |
| Impedance | 50 Ω 0 - 2500 MHz | 0 - 1000 MHz | |
| Electrical Data | | | |

Related Documents

Outline drawing Mounting instruction DOU-00004083.1 DOC-0000176104

Remarks

Customer part number

NATO: NSN 5920-12-332-5482

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