### **Data Sheet**



# **EMP Protector 3406.26.0010**

#### Description

Slim Line GDT technology

#### **Benefits**

DC continuity for remote powering

The protector can also be installed reversely

Fix installed GDT, static sparkover-voltage nom. 230 V

Compliant to IEC 61643-21

#### **Product Configuration**

Main path connectors

Mounting and grounding MH4 (bulkhead mounting), brk (bracket)

Side of bulkhead protected side

#### **Technical Data**

**Electrical Data** 

Impedance  $50 \Omega$ 

 Frequency range
 0 - 2000 MHz

 Return loss
 ≥ 20 dB

 Insertion loss
 ≤ 0.2 dB

 RF CW power
 ≤ 80 W

 PIM 3rd order
 not specified

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

**Mechanical Data** 

Weight 50 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 compliant acc. Annex III 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)

Port 1: unprotected, TNC plug (male) - Port 2: protected, TNC jack (female)

#### **Related Documents**

Outline drawing DOU-00258077

Mounting instruction DOC-0000176104

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