### **Data Sheet**

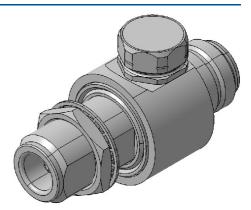
# EMP Protector 3401.17.0056

#### Description

GDT technology up to 1.0 GHz

#### Benefits

Broad-band design DC continuity for remote powering The protector can also be installed reversely Replaceable GDT 9071.99.0550, (470 V) included Compliant to IEC 61643-21



#### **Product Configuration**

Main path connectors Port 1: <u>unprotected</u> , N jack (ternale) - Port 2: <u>protected</u> , N jack (ternale)   Mounting and grounding MH12 (bulkhead mounting), brk (bracket)   Side of bulkhead protected side	5 5 5	
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#### **Technical Data**

#### **Electrical Data**

Impedance	50 Ω
Frequency range	0 - 1000 MHz
Return loss	≥ 26.44 dB
Insertion loss	≤ 0.1 dB
RF CW power	≤ 586 W
PIM 3rd order	not specified
Surge current handling capability	30 single / 20 multiple kA (test pulse 8/20 μs)
Residual pulse energy	1400 $\mu J$ typically (test pulse 4 kV 1.2/50 $\mu s$ / 2 kA 8/20 $\mu s)$ main path - protected side
Mechanical Data	
Number of matings	500
Weight	109 g
Environmental Data	
Operating temperature	-40 °C to +85 °C
Waterproof degree	IP67 (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	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**

Outline drawing	DOU-00197192
Mounting instruction	DOC-0000176104

#### Remarks

- Replacement parts:
- Mounting washer nut set 9075.99.0035
- Gas discharge tube holder 9075.99.0112
- Gas discharge tube 9071.99.0550, (470 V)

# **HUBER+SUHNER**

### **Data Sheet**

EMP Protector 3401.17.0056

## **HUBER+SUHNER**

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

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