

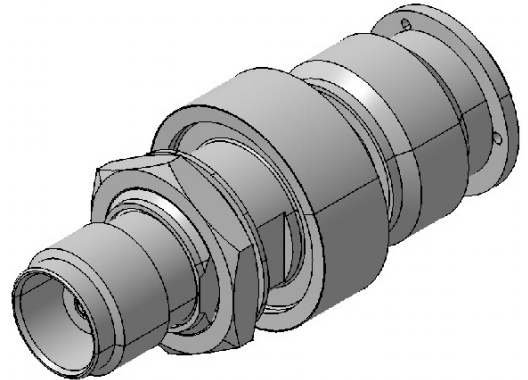
EMP Protector 3406.26.0004

Description

Slim Line GDT technology

Benefits

Broad-band design
 DC continuity for remote powering
 The protector can also be installed reversely
 Fix installed GDT, static sparkover-voltage nom. 200 V
 Compliant to IEC 61643-21



Product Configuration

Main path connectors	Port 1: <u>unprotected</u> , TNC plug (male) - Port 2: <u>protected</u> , TNC jack (female)
Mounting and grounding	MH4 (bulkhead mounting), brk (bracket)

Technical Data

Electrical Data

Impedance	50 Ω		
Frequency range	0 - 5800 MHz	0 - 5600 MHz	5600 - 5800 MHz
Return loss	≥ 18.5 dB	≥ 20 dB	≥ 18.5 dB
Insertion loss	≤ 0.2 dB	≤ 0.2 dB	≤ 0.2 dB
RF CW power	≤ 60 W		
PIM 3rd order	not specified		
Surge current handling capability	10 single / 5 multiple kA (test pulse 8/20 μ s)		
Residual pulse energy	250 μ J typically (test pulse 4 kV 1.2/50 μ s / 2 kA 8/20 μ s) main path - protected side		

Mechanical Data

Number of matings	500
Weight	45 g

Environmental Data

Operating temperature	-40 °C to +85 °C
Waterproof degree	IP20 (according to IEC 60529, data refer to the coupled state)
2011/65/EC (RoHS)	compliant acc. Annex III

Material Data

Piece Parts	Material	Surface Plating
Housing	Brass	Silver / Gold Plating
Port 1 center contact	Brass	Gold Plating (without Nickel underplating)
Port 2 center contact	Copper Beryllium Alloy	Gold Plating (without Nickel underplating)

Related Documents

Outline drawing	DOU-00004290.1
Mounting instruction	DOC-0000176104

Remarks

Static spark-over voltage: 200V +/- 25%

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