Data Sheet

EMP Protector 3402.17.K

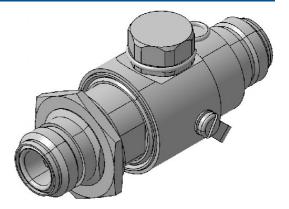
Description

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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