Data Sheet

EMP Protector 3402.17.A

Description

GDT technology up to 2.5 GHz

Benefits

Broad-band design DC continuity for remote powering 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

Main path connectors	Port 1: <u>unprotected</u> , N jack (female) - Port 2: <u>protected</u> , N jack (female)
Mounting and grounding	MH25 (bulkhead mounting), brk (bracket)
Side of bulkhead	protected side

Technical Data

Electrical	Data
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Electrical Data			
Impedance	50 Ω		
Frequency range	0 - 2500 MHz		
Return loss	≥ 20 dB		
Insertion loss	≤ 0.2 dB		
RF CW power	≤ 150 W		
PIM 3rd order	not specified		
Surge current handling capability	30 single / 20 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 $\mu s)$ main path - protected side		
Mechanical Data			
Number of matings	500		
Weight	126 g		
Environmental Data			
Operating temperature	-40 °C to +85 °C		
Waterproof degree	IP 65 (according to IEC 60529, data refer to the coupled state)		
2011/65/EU (RoHS)	compliant		
Natarial Data			
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 Mounting instruction DOU-00019177.1 DOC-0000176104

Remarks

Customer part number

NATO: NSN 5920-99-773-3078

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