Data Sheet

EMP Protector 3401.17.0033

Description

GDT technology up to 1.0 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

Technical Data

Electrical Data

Impedance	50 Ω	
Frequency range	0 - 1000 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	230 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 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 Mounting instruction DOU-00068967.1 DOC-0000176104

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Document: DOC-0000176930 Y / PDO H / date of publication: 16.11.2020 18:11:46 / uncontrolled copy

