Data Sheet



High Voltage DC Block 9077.17.0035

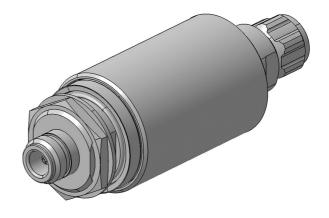
Description

Broadband HIGH VOLTAGE DC-DC Block

Benefits

Inner and outer conductor blocked (DC-DC Block)
Can also be installed reversely
Broadband operation

Grounding feature



Product Configuration

Port 1 connector N plug (male)

Port 2 connector N jack (female), side of bulkhead Mounting MH110 (bulkhead mounting)

Technical Data

Electrical Data

Impedance 50 Ω Frequency Range 160 to 6000 MHz 160 to 3000 MHz

4900 to 6000 MHz Return loss ≥ 22 dB ≥ 20 dB ≤ 0.2 dB ≤ 0.2 dB Insertion loss RF avg. power ≤ 500 W ≤ 200 W ≤ 400 W RF peak power ≤ 1000 W PIM 3rd order -150 dBc typ. not specified

Blocking voltage center cond. \leq 4000 VDC Blocking voltage outer cond. \leq 4000 VDC Leakage current \leq 5 μ A

Mechanical Data

Weight 459 g

Environmental Data

Operating temperature -40 °C to +85 °C

Waterproof degree IP65

Material Data

Piece Parts	Material	Surface Plating
Housing	POM (Polyoxymethylene)	
Female center contact	Copper Beryllium Alloy	Gold Plating (without Nickel underplating)

Related Documents

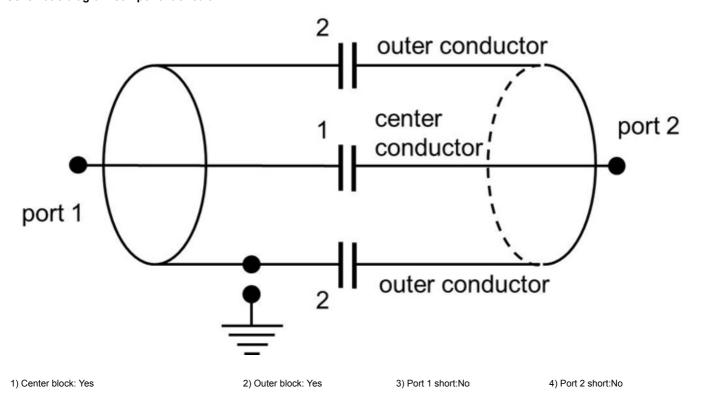
Outline drawing DOU-00119408.1

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Schematic diagram component circuit



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