Data Sheet



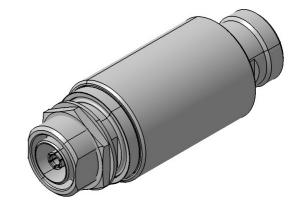
High Voltage DC Block 9077.41.0031

Description

Broadband HIGH VOLTAGE DC-DC Block

Benefits

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



Product Configuration

Port 1 connector
Port 2 connector
Mounting

7/16 jack (female), side of bulkhead MH110 (bulkhead mounting)

300 to 2500 MHz

≥ 26.44 dB ≤ 0.1 dB

≤ 500 W

≤ 1000 W

-150 dBc typ.

7/16 jack (female)

Technical Data

Electrical Data

Impedance 50 Ω 160 to 3000 MHz Frequency Range Return loss ≥ 22 dB Insertion loss ≤ 0.2 dB RF avg. power ≤ 500 W RF peak power ≤ 1000 W PIM 3rd order -150 dBc typ. Blocking voltage center cond. ≤ 4000 VDC ≤ 4000 VDC Blocking voltage outer cond. Leakage current ≤ 5 µA

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	Silver Plating

Related Documents

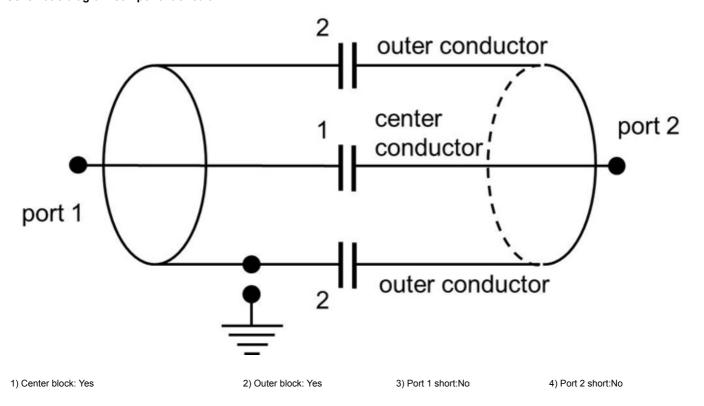
Outline drawing DOU-00067459.1

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Schematic diagram component circuit



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