Data Sheet



High Voltage DC Block 9077.41.0035

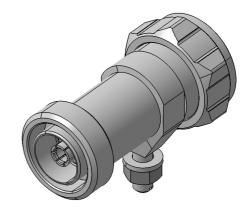
Description

Broadband DC-Block

Benefits

Broadband operation

Can also be installed reversely



Product Configuration

Port 1 connector 7/16 jack (female)

Port 2 connector 7/16 plug (male), side of bulkhead

Mounting M6 (screw)

Technical Data

Electrical Data

 $\begin{array}{ll} \text{Impedance} & 50~\Omega \\ \text{Frequency Range} & 350~\text{to } 3000~\text{MHz} \end{array}$

Return loss≥ 20 dBInsertion loss≤ 0.1 dBRF avg. power≤ 370 WRF peak power≤ 10000 WPIM 3rd order-160 dBc typ.

PIM 3rd order -160 dBc typ. Blocking voltage center cond. \leq 1000 VDC Leakage current \leq 5 μ A

Mechanical Data

Weight 169689 g

Environmental Data

Operating temperature -40 °C to +85 °C

Waterproof degree IP67

Material Data

Piece Parts	Material	Surface Plating
Housing	Brass	
Female center contact	Bronze	Silver Plating

650 to 2700 MHz

≥ 26.5 dB ≤ 0.1 dB

Related Documents

Outline drawing DOU-00140566.1

Additional Information

Remarks

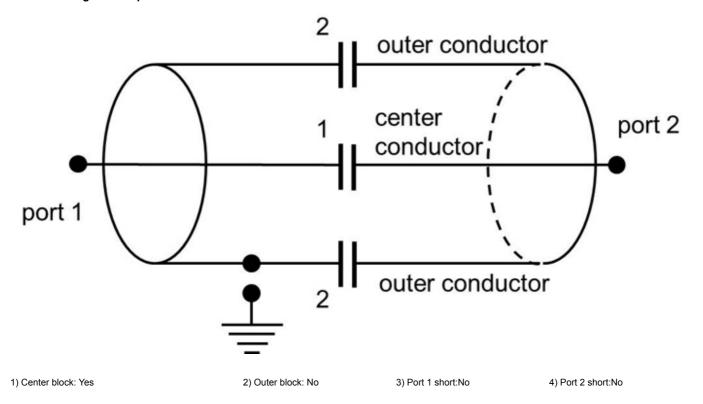
- Peak Instantaneous Power (PIP): 25 kW
- Isolation : > 40dB @ 100kHz , > 60dB @ 10kHz , > 80dB @ 1kHz

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Schematic diagram component circuit



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