Highpass Filter · 1000–6000 MHz

Stopband Rejection ≥30 dB (DC–930 MHz). RF Interface N-F · Package Dimensions 50 × 20 × 20 mm.

RF Performance

Parameter	Value
Passband	1000–6000 MHz
Passband Insertion Loss [1]	≤1.6 dB
Passband Ripple [1]	≤1.0 dB
Stopband Rejection [2]	≥30 dB
VSWR [1]	≤1.50:1

[1] 1000–6000 MHz

[2] DC–930 MHz

Design Ratings

Parameter	Value
Power Handling	50 W
Operating Temperature	−40...+70 °C
Storage Temperature	−55...+85 °C

Mechanical Specifications

Parameter	Value
Package Dimensions [1]	50 × 20 × 20 mm
RF Impedance	50 Ω
RF Interface [2]	N-F
Surface Finish	Silver Plated
Mounting holes [3]	4 × M2 bottom tapped holes
Connector Axis Across Body Thickness [4]	10 mm
Housing corner radius	1 mm

[1] Excluding connector protrusion

[2] One connector at each end of the housing

[3] Hole-center spacing 45 × 15 mm · 8 mm deep

[4] Centered across the 20 mm body thickness

Installation and handling

Clean the product surface without immersing the filter in cleaning liquid. Consult before ordering if the temperature of the complete unit will exceed 125 °C. For cutout mounting in multilayer microwave PCBs designed for frequencies above 2000 MHz, ensure proper grounding.

Document notice

Specifications are subject to revision. Before design release, confirm the current document revision and product-specific requirements with LCRF. The approved quotation and order documentation define the supplied configuration.