Highpass Filter · 900–3000 MHz

Stopband Rejection ≥40 dB (DC–800 MHz). Body Footprint 30 × 12 × 10 mm.

RF Performance

Parameter	Value
Passband	900–3000 MHz
Passband Insertion Loss [1]	≤2.5 dB
Stopband Rejection [2]	≥40 dB
VSWR [1]	≤1.5:1

[1] 900–3000 MHz
[2] DC–800 MHz

Design Ratings

Parameter	Value
Operating Temperature	–40...+70 °C (Design rating)
Power Handling	5 W (Design rating)

Mechanical Specifications

Parameter	Value
RF Impedance	50 Ω
Body Footprint [1]	30 × 12 × 10 mm
RF Interface [2]	SMA-F
Surface Finish	Silver plated
Mounting holes [3]	4 × M2 through threaded holes

[1] Excluding connector protrusion
[2] One connector at each end of the housing
[3] Hole-center spacing 27 × 9 mm

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.