Highpass Filter · 450–900 MHz

Stopband Rejection ≥50 dB (DC–280 MHz). Package Dimensions 30 × 12 × 10 mm.

RF Performance

Parameter	Value
Passband	450–900 MHz
Passband Insertion Loss [1]	≤1.6 dB
VSWR [1]	≤1.50:1
Stopband Rejection [2]	≥50 dB

[1] 450–900 MHz
[2] DC–280 MHz

Design Ratings

Parameter	Value
Power Handling	2 W
Operating Temperature	−40…+70 °C
Storage Temperature	−55…+85 °C

Mechanical Specifications

Parameter	Value
RF Impedance	50 Ω
Package Dimensions [1]	30 × 12 × 10 mm
RF Interface [2]	SMA-MF
Surface Finish	Silver plated
Mounting holes [3]	4 × M2 through threaded holes
Connector Axis Across Body Thickness [4]	5 mm

[1] Excluding connector protrusion
[2] One connector at each end of the housing
[3] Hole-center spacing 27 × 9 mm
[4] Centered across the 10 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.