Highpass Filter · 100–500 MHz

Stopband Rejection ≥70 dBc (DC–10 MHz). RF Interface N-K · Package Dimensions 60 × 30 × 30 mm.

RF Performance

Parameter	Value
Passband	100–500 MHz
Passband Insertion Loss [1]	≤1.0 dB
Passband Ripple [1]	≤1.0 dB
Stopband Rejection [2]	≥70 dBc
VSWR [1]	≤1.5:1

[1] 100–500 MHz

[2] DC–10 MHz

Design Ratings

Parameter	Value
Power Handling	200 W
Operating Temperature	−55...+85 °C
Storage Temperature	−55...+85 °C

Mechanical Specifications

Parameter	Value
Package Dimensions	60 × 30 × 30 mm (Excluding connector protrusion)
RF Impedance	50 Ω
RF Interface	N-K (One connector at each end of the housing)
Surface Finish	Silver Plated
Mounting holes	4 × M2.5 bottom tapped holes (Hole-center spacing 55 × 25 mm · 8 mm deep)
Connector Axis Across Body Thickness	15 mm (Centered across the 30 mm body thickness)
Connector Axis from Housing Side Edge	15 mm
Housing corner radius	2 mm

Installation and handling

Clean the product surface without immersing the filter in cleaning liquid.

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.