Bandpass Filter · 33000–37000 MHz

Stopband Rejection ≥65 dBc (DC–28000 MHz) / ≥55 dBc (42000–50000 MHz). Body Footprint 37 × 12 × 6 mm.

RF Performance

Parameter	Value
Passband	33000–37000 MHz
Passband Insertion Loss [1]	≤2.5 dB
Passband Ripple [1]	≤1.5 dB
Stopband Rejection [2]	≥65 dBc
Stopband Rejection [3]	≥55 dBc
VSWR [1]	≤1.8:1

[1] 33000–37000 MHz
[2] DC–28000 MHz
[3] 42000–50000 MHz

Design Ratings

Parameter	Value
Operating Temperature	–40...+70 °C (Design rating)
Power Handling	10 W (Design rating)

Mechanical Specifications

Parameter	Value
RF Impedance	50 Ω
Body Footprint	37 × 12 × 6 mm (Excluding connector protrusion)
RF Interface	2.92-F (One connector at each end of the housing)
Surface Finish	Silver plated
Connector Material	Stainless steel
Mounting holes	4 × M1.6 through threaded holes (Hole-center spacing 31 × 9 mm)
Connector Axis Across Body Thickness	3 mm (Centered across the 6 mm body thickness)
Connector Axis from Housing Side Edge	6 mm
Overall Width Including Projections	<16 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.

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.