Bandpass Filter · 34000–36000 MHz

Stopband Rejection ≥80 dBc (DC–31000 MHz) / ≥78 dBc (39000–43500 MHz). Body Footprint 46 × 13 × 6 mm.

RF Performance

Parameter	Value
Passband	34000–36000 MHz
Passband Insertion Loss [1]	≤1.5 dB
Passband Ripple [1]	≤0.5 dB
Stopband Rejection [2]	≥80 dBc
Stopband Rejection [3]	≥78 dBc
VSWR [1]	≤1.8:1

[1] 34000–36000 MHz
[2] DC–31000 MHz
[3] 39000–43500 MHz

Design Ratings Design rating

Parameter	Value
Operating Temperature	−40...+70 °C
Storage Temperature	−55...+85 °C
Power Handling	5 W

Mechanical Specifications

Parameter	Value
RF Impedance	50 Ω
Body Footprint	46 × 13 × 6 mm (Excluding connector protrusion)
RF Interface	2.92-K (One connector at each end of the housing)
Overall Width Including Tuning Elements	<17 mm
Surface Finish	Black
Quality Grade	Industrial
Mounting holes	4 × M2 through threaded holes (Hole-center spacing 40 × 10 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.