Bandpass Filter · 39250–39750 MHz

Stopband Rejection ≥60 dBc (DC–38500 MHz) / ≥60 dBc (40500–50000 MHz). Body Footprint 34 × 15 × 8 mm.

RF Performance

Parameter	Value
Passband	39250–39750 MHz
Passband Insertion Loss [1]	≤2.5 dB
Passband Ripple [1]	≤1 dB
Stopband Rejection [2]	≥60 dBc
Stopband Rejection [3]	≥60 dBc
VSWR [1]	≤1.6:1

[1] 39250–39750 MHz
[2] DC–38500 MHz
[3] 40500–50000 MHz

Design Ratings

Design rating

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

Mechanical Specifications

Parameter	Value
RF Impedance	50 Ω
Body Footprint	34 × 15 × 8 mm (Excluding connector protrusion)
RF Interface	2.92-F (One connector at each end of the housing)
Surface Finish	Black
Quality Grade	Industrial
Mounting holes	4 × M2 through threaded holes (Hole-center spacing 24 × 12 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.