Bandpass Filter · 21500–38500 MHz

Stopband Rejection ≥40 dB (DC–19000 MHz) / ≥45 dB (42000–50000 MHz) / ≥45 dB (50000–55000 MHz · Design rating). Body Footprint 36 × 13 × 7 mm.

RF Performance

Parameter	Value
Passband	21500–38500 MHz
Passband Insertion Loss [1]	≤2 dB
Passband Ripple [1]	≤1.2 dB
Stopband Rejection [2]	≥40 dB
Stopband Rejection [3]	≥45 dB
Stopband Rejection [4]	≥45 dB
VSWR [1]	≤2.2:1

[1] 21500–38500 MHz
[2] DC–19000 MHz
[3] 42000–50000 MHz
[4] 50000–55000 MHz · Design rating

Design Ratings

Parameter	Value
Operating Temperature	–40...+70 °C (Design rating)
Power Handling	5 W (Design rating)

Mechanical Specifications

Parameter	Value
RF Impedance	50 Ω
Body Footprint	36 × 13 × 7 mm (Excluding connector protrusion)
RF Interface	2.92-K (One connector at each end of the housing)
Surface Finish	Black
Mounting holes	2 × M2 through threaded holes (Hole-center spacing 30 mm)
Mounting-hole centerline offset from the upper edge in plan view	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.