Bandpass Filter · 17000–32000 MHz

Stopband Rejection ≥35 dBc (DC–13000 MHz) / ≥35 dBc (35000–43000 MHz). Body Footprint 37 × 16 × 8 mm.

RF Performance

Parameter	Value
Passband	17000–32000 MHz
Passband Insertion Loss [1]	≤2 dB
Passband Ripple [1]	≤1 dB
Stopband Rejection [2]	≥35 dBc
Stopband Rejection [3]	≥35 dBc
VSWR [1]	≤2:1
Group Delay Variation	≤1 ns

[1] 17000–32000 MHz
[2] DC–13000 MHz
[3] 35000–43000 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 [1]	37 × 16 × 8 mm
RF Interface [2]	2.92-K
Surface Finish	Silver plated
Mounting holes [3]	4 × M1.6 through threaded holes
Connector Axis Across Body Thickness [4]	4 mm
Quality Grade	Industrial

[1] Excluding connector protrusion
[2] One connector at each end of the housing
[3] Hole-center spacing 34 × 13 mm

[4] Centered across the 8 mm body thickness

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.