Bandpass Filter · 27000–33000 MHz

Stopband Rejection ≥40 dB (DC–16500 MHz) / ≥40 dB (40500–49500 MHz). Body Footprint 34 × 12 × 7 mm.

RF Performance

Parameter	Value
Passband	27000–33000 MHz
Passband Insertion Loss [1]	≤2 dB
Passband Ripple [1]	≤0.5 dB
Stopband Rejection [2]	≥40 dB
Stopband Rejection [3]	≥40 dB
VSWR [1]	≤1.6:1

[1] 27000–33000 MHz
[2] DC–16500 MHz
[3] 40500–49500 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]	34 × 12 × 7 mm
RF Interface [2]	2.92-F
Surface Finish	Silver plated
Mounting holes [3]	4 × M1.6 through threaded holes
RF connector axis offset in side view [4]	4 mm
Quality Grade	Industrial

[1] Excluding connector protrusion
[2] One connector at each end of the housing
[3] Hole-center spacing 28 × 9 mm
[4] From the lower housing edge in the side view (7 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.