Bandpass Filter · 12000–12900 MHz

Stopband Rejection · ≥30 dB (DC–6450 MHz) / ≥30 dB (18000–19350 MHz) / ≥50 dB (24000–25800 MHz) / ≥50 dB (36000–38700 MHz). Body Dimensions 37.5 × 16 × 7.5 mm.

RF Performance

Parameter	Value
Passband	12000–12900 MHz
Passband Insertion Loss [1]	≤1.5 dB
Passband Ripple [1]	≤1 dB
Stopband Rejection [2]	≥30 dB
Stopband Rejection [3]	≥30 dB
Stopband Rejection [4]	≥50 dB
Stopband Rejection [5]	≥50 dB
VSWR [1]	≤1.6:1

[1] 12000–12900 MHz
[2] DC–6450 MHz
[3] 18000–19350 MHz
[4] 24000–25800 MHz
[5] 36000–38700 MHz

Design Ratings

Parameter	Value
Power Handling	5 W (Design rating)
Operating Temperature	–10...+50 °C (Design rating)

Mechanical Specifications

Parameter	Value
RF Impedance	50 Ω
RF Interface	SMA-F
Surface Finish	Silver plated
Connector Shell Material	304 stainless steel
Body Dimensions	37.5 × 16 × 7.5 mm
Maximum Overall Height	<10 mm
Mounting Hole Center Spacing	27.5 × 11.6 mm
Mounting Through Holes	4 × Ø2.2 mm

Mechanical Specifications

Parameter	Value
RF connector axis height above housing base	3.25 mm

Chassis Installation

The RF connectors are on opposite ends of the housing. Clean the product surface without immersing the filter in cleaning liquid. Consult us before ordering if the assembly temperature 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.