Bandpass Filter · 1150–1300 MHz

Stopband Rejection · ≥50 dB (DC–1050 MHz) / ≥50 dB (1400–3000 MHz). Body Dimensions 120 × 62 × 30 mm.

RF Performance

Parameter	Value
Passband	1150–1300 MHz
Passband Insertion Loss [1]	≤1 dB
Stopband Rejection [2]	≥50 dB
Stopband Rejection [3]	≥50 dB
VSWR [1]	≤1.5:1

[1] 1150–1300 MHz
[2] DC–1050 MHz
[3] 1400–3000 MHz

Design Ratings

Parameter	Value
Power Handling	50 W (Design rating)
Operating Temperature	−20...+60 °C (Design rating)

Mechanical Specifications

Parameter	Value
RF Impedance	50 Ω
RF Interface	SMA-F
Surface Finish	Black paint
Connector Shell Material	304 stainless steel
Body Dimensions	120 × 62 × 30 mm
Maximum Overall Height	<35 mm
Mounting Hole Center Spacing	114 × 56 mm
Threaded Mounting Holes	4 × M3
Thread Depth	8 mm
RF connector axis height above housing base	15 mm
Connector Axis Distance from Body Side	16.5 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.