Bandpass Filter · 1450–1550 MHz

Stopband Rejection · ≥35 dB (DC–1420 MHz) / ≥35 dB (1580 MHz). Body Dimensions 39.5 × 25 × 13 mm.

RF Performance

Parameter	Value
Passband	1450–1550 MHz
Passband Insertion Loss [1]	≤2 dB
Passband Ripple [1]	≤1 dB
Stopband Rejection [2]	≥35 dB
Stopband Rejection [3]	≥35 dB
VSWR [1]	≤1.5:1

[1] 1450–1550 MHz
[2] DC–1420 MHz
[3] 1580 MHz

Design Ratings

Parameter	Value
Power Handling	5 W (Design rating)
Operating Temperature	–30...+70 °C (Design rating)

Mechanical Specifications

Parameter	Value
RF Impedance	50 Ω
RF Interface	SMA-K
Surface Finish	White
Connector material	Stainless steel
Housing Material	Al 6061
Quality Grade	Industrial
Body Dimensions	39.5 × 25 × 13 mm
Mounting Hole Center Spacing	35.5 × 21 mm
Mounting Hole Diameter	Ø2.2 mm
Number of mounting-hole locations	4

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.