Bandpass Filter · 9850–11070 MHz

Stopband Rejection · ≥40 dB (DC–5000 MHz) / ≥40 dB (16200–22200 MHz). Body Dimensions 58 × 18 × 17 mm.

RF Performance

Parameter	Value
Passband	9850–11070 MHz
Passband Insertion Loss [1]	≤0.3 dB
Passband Ripple [1]	≤0.2 dB
Stopband Rejection [2]	≥40 dB
Stopband Rejection [3]	≥40 dB
VSWR [1]	≤1.4:1

[1] 9850–11070 MHz
[2] DC–5000 MHz
[3] 16200–22200 MHz

Design Ratings

Parameter	Value
Power Handling	30 W (Design rating)
Operating Temperature	–40...+70 °C (Design rating)

Mechanical Specifications

Parameter	Value
RF Impedance	50 Ω
RF Interface	SMA-K
Surface Finish	Gray paint
Connector Shell Material	304 stainless steel
Body Dimensions	58 × 18 × 17 mm
Mounting Hole Center Spacing	53 × 14 mm
Mounting Through Holes	4 × Ø2.8 mm
RF connector axis height above housing base	6.5 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.