Highpass Filter · 1200–3000 MHz

The specified passband is 1200–3000 MHz. Rejection is at least 50 dBc over DC–1000 MHz. Use the 30 × 12 × 10 mm housing and SMA-K interfaces to check mechanical fit.

RF Performance

Parameter	Value
Passband	1200–3000 MHz
Passband Insertion Loss [1]	≤3 dB
Stopband Rejection [2]	≥50 dBc
VSWR [1]	≤1.3:1

[1] 1200–3000 MHz

[2] DC–1000 MHz

Design Ratings

Parameter	Value
Power Handling	1 W
Operating Temperature	−40...+70 °C
Storage Temperature	−55...+85 °C

Mechanical Specifications

Parameter	Value
Package Dimensions [1]	30 × 12 × 10 mm
RF Impedance	50 Ω
RF Interface [2]	SMA-K
Surface Finish	Silver Plated
Mounting holes [3]	4 × M2 through threaded holes

[1] Excluding connector protrusion

[2] One connector at each end of the housing

[3] Hole-center spacing 27 × 9 mm

Chassis Installation

Do not immerse the filter in cleaning solution. 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.