Bandpass Filter · 1455–1925 MHz

Apply the specified rejection limit in each stopband. Use the ratio of the bandwidths at −30 dB and −3 dB to assess filter selectivity.

RF Performance

Parameter	Value
Passband	1455–1925 MHz
Passband Insertion Loss [1]	≤ 2.3 dB
Out-of-Band Rejection · DC–1102.5 MHz	≥ 30 dB
Out-of-Band Rejection · 2277.5–4000 MHz	≥ 30 dB
Shape factor [2]	≤ 2.5
VSWR [1]	≤ 1.50

[1] 1455–1925 MHz
[2] BW@−30 dB / BW@−3 dB

Design Ratings

Guaranteed by design

Parameter	Value
Power Handling	1 W
Operating Temperature	−40...+70 °C
Storage Temperature	−45...+85 °C

Mechanical Specifications

Parameter	Value
RF Interface	SMA-K
RF Impedance	50 Ω
Surface Finish	Silver plating
Housing dimensions	30 × 12 × 10 mm (Excluding connector protrusion)
Mounting holes	4 × M2 mounting threads (Hole-center spacing 27 × 9 mm)

Installation and handling

Clean the product surface without immersing the filter in cleaning liquid.

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.