Bandpass Filter · 1164–1236 MHz

Check that the full occupied signal band fits within 1164–1236 MHz. Use the maximum insertion loss over that range in the loss budget.

RF Performance

Parameter	Value
Passband	1164–1236 MHz
Passband Insertion Loss [1]	≤ 5.0 dB
Passband Ripple [1]	≤ 1.0 dB
Out-of-Band Rejection · DC–1050 MHz	≥ 40 dBc
Out-of-Band Rejection · 1380–3000 MHz	≥ 40 dBc
VSWR [1]	≤ 1.5

[1] 1164–1236 MHz

Design Ratings

Guaranteed by design

Parameter	Value
Power Handling	2 W
Operating Temperature	−40...+70 °C
Storage Temperature	−55...+85 °C

Mechanical Specifications

Parameter	Value
RF Interface	SMA-K
RF Impedance	50 Ω
Surface Finish	Silver plating
Housing dimensions	40.4 × 12 × 10 mm (Excluding connector protrusion)
Mounting holes	4 × M2 mounting threads (Hole-center spacing 37.4 × 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.