Bandpass Filter · 1200–2400 MHz

Use the 3 ns maximum absolute time delay in the signal-path timing budget. Mount the housing using the M1.6 through threaded holes.

RF Performance

Parameter	Value
Passband	1200–2400 MHz
Passband Insertion Loss [1]	≤ 2.0 dB
Passband Ripple [1]	≤ 1.0 dB
Out-of-Band Rejection · DC–850 MHz	≥ 40 dBc
Out-of-Band Rejection · 2700–5000 MHz	≥ 40 dBc
VSWR [1]	≤ 1.50
Absolute time delay	≤ 3 ns

[1] 1200–2400 MHz

Design Ratings Guaranteed by design

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

Mechanical Specifications

Parameter	Value
RF Interface	Round microstrip pins, Ø0.38 mm
RF Impedance	50 Ω
Surface Finish	Silver plating
Housing dimensions	25 × 9.5 × 7 mm (Excludes RF pin protrusions)
Mounting holes	4 × M1.6 through threaded holes (Hole-center spacing 22.4 × 6.9 mm)
Housing corner radius	1 mm
RF pin-axis height above housing base	2 mm
Pin axis distance from housing side edge	4.75 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.