Bandpass Filter · 1000–2000 MHz

Match each interferer to its specified rejection range. Use the 22.4 × 6.9 mm hole-center spacing to align the opposed round pins.

RF Performance

Parameter	Value
Passband	1000–2000 MHz
Passband Insertion Loss [1]	≤ 2.5 dB
Passband Ripple [1]	≤ 1.5 dB
Out-of-Band Rejection · DC–800 MHz	≥ 45 dBc
Out-of-Band Rejection · 800–900 MHz	≥ 20 dBc
Out-of-Band Rejection · 2100–2200 MHz	≥ 20 dBc
Out-of-Band Rejection · 2200–4000 MHz	≥ 40 dBc
VSWR [1]	≤ 1.50

[1] 1000–2000 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)
RF pin-axis height above housing base	2 mm
Pin axis distance from housing side edge	4.75 mm
Housing corner radius	1 mm

Installation and handling

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