Bandpass Filter · 1300–2300 MHz

Align the opposed Ø0.5 mm round microstrip pins. The mounting threads are 3.5 mm deep from each of the front and rear faces.

RF Performance

Parameter	Value
Passband	1300–2300 MHz
Passband Insertion Loss [1]	≤ 2.0 dB
Passband Ripple [1]	≤ 0.8 dB
Out-of-Band Rejection · DC–1100 MHz	≥ 35 dBc
Out-of-Band Rejection · 2500–6000 MHz	≥ 35 dBc
VSWR [1]	≤ 1.50

[1] 1300–2300 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	Round microstrip pins, Ø0.5 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 mounting threads (Hole-center spacing 22.4 × 6.9 mm · Thread depth 3.5 mm from each of the front and rear faces)
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. 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.