Bandpass Filter · 1350–2350 MHz

Use the RF pad width as a reference when laying out the 50 Ω microstrip trace. The filter supports reflow soldering at 190 °C.

RF Performance

Parameter	Value
Passband	1350–2350 MHz
Passband Insertion Loss [1]	≤ 2.0 dB
Passband Ripple [1]	≤ 1.0 dB
Out-of-Band Rejection · DC–900 MHz	≥ 50 dBc
Out-of-Band Rejection · 2800–5000 MHz	≥ 50 dBc
VSWR [1]	≤ 1.60

[1] 1350–2350 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	Surface mount
RF Impedance	50 Ω
Housing dimensions	20 × 9 × 5 mm (Dimensional tolerance ±0.2 mm)

Installation and handling

Clean the product surface without immersing the filter in cleaning liquid. Supports reflow soldering at 190 °C. Use a 50 Ω microstrip line with a width as close as practical to the RF pad width, equal to it, or wider.

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.