Bandpass Filter 180–235 MHz

LCBPF-180-235-IL2MAX · 180–235 MHz bandpass filter with SMA-K connections and 50 Ω RF impedance.

RF Performance

Parameter	Value
Passband	180–235 MHz
Passband Insertion Loss [1]	≤2.0 dB
Passband Ripple [1]	≤1.0 dB
Lower Stopband Rejection [2]	≥60 dB
Upper Stopband Rejection [3]	≥60 dB
VSWR [1]	≤1.5:1

[1] 180–235 MHz
[2] DC–135 MHz
[3] 280–800 MHz

Design Ratings

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 plated
Housing Dimensions	40.4 × 12 × 10 mm
Mounting Hole Center Spacing	37.4 × 9 mm
Mounting Holes	4 × Ø2.2 mm

Chassis Installation

The RF connectors are on opposite ends of the housing. 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.