Lowpass Filter · DC–7 MHz

Stopband Rejection ≥50 dBc (14–100 MHz) / ≥40 dBc (100–500 MHz) / ≥20 dBc (500–2000 MHz). Package Dimensions 40.4 × 12 × 10 mm.

RF Performance

Parameter	Value
Passband	DC–7 MHz
Passband Insertion Loss [1]	≤1 dB
Passband Ripple [1]	≤1 dB
Stopband Rejection [2]	≥50 dBc
Stopband Rejection [3]	≥40 dBc
Stopband Rejection [4]	≥20 dBc
VSWR [1]	≤1.4:1

[1] DC–7 MHz
[2] 14–100 MHz
[3] 100–500 MHz
[4] 500–2000 MHz

Design Ratings Design rating

Parameter	Value
Operating Temperature	−40...+70 °C
Storage Temperature	−55...+85 °C
Power Handling	2 W

Mechanical Specifications

Parameter	Value
RF Impedance	50 Ω
Package Dimensions	40.4 × 12 × 10 mm (Excluding connector protrusion)
RF Interface	SMA-K (One connector at each end of the housing)
Surface Finish	Silver plated
Housing Material	H62
Mounting holes	4 × M2 through threaded holes (Hole-center spacing 37.4 × 9 mm)
RF Axis from the Left Housing Edge in End View	5 mm

Mechanical Specifications

Parameter	Value
RF Axis from the Lower Housing Edge in End View	6 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.