Lowpass Filter · DC–480 MHz

Stopband Rejection ≥35 dBc (8500–10400 MHz). Package Dimensions 50 × 24 × 14 mm.

RF Performance

Parameter	Value
Passband	DC–480 MHz
Passband Insertion Loss [1]	≤0.5 dB
Passband Ripple [1]	≤0.5 dB
Stopband Rejection [2]	≥35 dBc
VSWR [1]	≤1.5:1

[1] DC–480 MHz

[2] 8500–10400 MHz

Design Ratings Design rating

Parameter	Value
Operating Temperature	−40...+70 °C
Storage Temperature	−55...+85 °C
Power Handling	60 W

Mechanical Specifications

Parameter	Value
RF Impedance	50 Ω
Package Dimensions	50 × 24 × 14 mm (Excluding connector protrusion)
RF Interface	SMA-K (One connector at each end of the housing)
Surface Finish	Silver plated
Mounting holes	4 through holes, Ø2.7 mm (Hole-center spacing 45 × 19 mm)
RF Axis from the Lower Housing Edge in Side View	7 mm
RF Axis from the Shown Lower Housing Edge in Plan View	12 mm
Housing corner radius	1 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.