Lowpass Filter · 800–1800 MHz

Stopband Rejection ≥45 dBc (2000–3600 MHz). Package Dimensions 50 × 16 × 12 mm.

RF Performance

Parameter	Value
Passband	800–1800 MHz
Passband Insertion Loss [1]	≤1 dB
Passband Ripple [1]	≤1 dB
Stopband Rejection [2]	≥45 dBc
VSWR [1]	≤1.5:1

[1] 800–1800 MHz

[2] 2000–3600 MHz

Design Ratings Design rating

Parameter	Value
Operating Temperature	−40...+70 °C
Storage Temperature	−55...+85 °C
Power Handling	30 W

Mechanical Specifications

Parameter	Value
RF Impedance	50 Ω
Package Dimensions	50 × 16 × 12 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, Ø2.2 mm (Hole-center spacing 46 × 12 mm)
RF Axis from the Lower Housing Edge in Side View	4 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.