Lowpass Filter · DC–700 MHz

Stopband Rejection ≥75 dBc (1100–3000 MHz). Package Dimensions 40.4 × 12 × 10 mm.

RF Performance

Parameter	Value
Passband	DC–700 MHz
Passband Insertion Loss [1]	≤1 dB
Passband Ripple [1]	≤1 dB
Stopband Rejection [2]	≥75 dBc
VSWR [1]	≤1.3:1

[1] DC–700 MHz
[2] 1100–3000 MHz

Design Ratings Design rating

Parameter	Value
Operating Temperature	−40…+70 °C
Storage Temperature	−55…+85 °C
Power Handling	10 W

Mechanical Specifications

Parameter	Value
RF Impedance	50 Ω
Package Dimensions [1]	40.4 × 12 × 10 mm
RF Interface [2]	SMA-F
Surface Finish	Silver plated
Mounting holes [3]	4 × M2 mounting threads

[1] Excluding connector protrusion
[2] One connector at each end of the housing
[3] Hole-center spacing 37.4 × 9 mm

Installation and handling

Clean the product surface without immersing the filter in cleaning liquid. Consult before ordering if the temperature of the complete unit will exceed 125 °C.

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.