Lowpass Filter · DC–270 MHz

RF Interface SMA-K · 50 Ω · Package Dimensions 30 × 12 × 10 mm

RF Performance

Parameter	Value
Passband	DC–270 MHz
Passband Insertion Loss [1]	≤1 dB
Stopband Rejection [2]	≥65 dB
Stopband Rejection [3]	≥70 dB
VSWR [1]	≤1.5:1

[1] DC–270 MHz
[2] 410–550 MHz
[3] 550–1200 MHz

Design Ratings

Parameter	Value
Operating Temperature	–40...+85 °C (Guaranteed by design)
Power Handling	2 W

Mechanical Specifications

Parameter	Value
Package Dimensions	30 × 12 × 10 mm (Excluding connector protrusion)
RF Impedance	50 Ω
RF Interface	SMA-K (One connector at each end of the housing)
Surface Finish	Silver Plated
Connector Material	Stainless steel
Housing Material	H62
Mounting holes	4 × M2 mounting threads (Hole-center spacing 27 × 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.