Highpass Filter · 5–30 MHz

Stopband Rejection · ≥50 dBc (DC–3.3 MHz). Body Dimensions 30 × 12 × 10 mm.

RF Performance

Parameter	Value
Passband	5–30 MHz
Passband Insertion Loss [1]	≤0.5 dB
Passband Insertion Loss [2]	≤1 dB
Passband Ripple [2]	≤1 dB
Stopband Rejection [3]	≥50 dBc
VSWR [2]	≤1.5:1

[1] 20–30 MHz
[2] 5–30 MHz
[3] DC–3.3 MHz

Design Ratings Design rating

Parameter	Value
Power Handling	0.5 W
Operating Temperature	−40...+70 °C
Storage Temperature	−55...+85 °C

Mechanical Specifications

Parameter	Value
RF Impedance	50 Ω
RF Interface	SMA-K (One connector at each end of the housing)
Surface Finish	Silver plated
Quality Grade	Industrial
Body Dimensions	30 × 12 × 10 mm (Excluding connector protrusion)
Mounting holes	4 × M2 through threaded holes (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.