Lowpass Filter · DC–400 MHz

Stopband Rejection · ≥20 dBc (450–1000 MHz). Body Dimensions (100 × 30 × 20) ± 0.5 mm.

RF Performance

Parameter	Value
Passband	DC–400 MHz
Passband Insertion Loss [1]	≤0.5 dB
Stopband Rejection [2]	≥20 dBc
VSWR [1]	≤1.5:1

[1] DC–400 MHz
[2] 450–1000 MHz

Design Ratings Design rating

Parameter	Value
Power Handling	100 W
Operating Temperature	−40...+70 °C
Storage Temperature	−55...+85 °C

Mechanical Specifications

Parameter	Value
RF Impedance	50 Ω
RF Interface	N-F (One connector at each end of the housing)
Surface Finish	Black baked paint
Quality Grade	Industrial
Body Dimensions	(100 × 30 × 20) ±0.5 mm (Excluding connector protrusion)
Mounting holes	4 through holes, Ø2.8 mm (Hole-center spacing 94 × 24 mm)
RF Axis from the Lower Housing Edge in Side View	10 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.