Highpass Filter · 500–8000 MHz

Stopband Rejection ≥40 dBc (DC–300 MHz). Body Footprint 30 × 12 × 10 mm.

RF Performance

Parameter	Value
Passband	500–8000 MHz
Passband Insertion Loss [1]	≤2 dB
Stopband Rejection [2]	≥40 dBc
VSWR [1]	≤1.6:1

[1] 500–8000 MHz
[2] DC–300 MHz

Design Ratings Design rating

Parameter	Value
Operating Temperature	−40...+70 °C
Storage Temperature	−55...+85 °C
Power Handling	2 W

Mechanical Specifications

Parameter	Value
RF Impedance	50 Ω
Body Footprint	30 × 12 × 10 mm (Excluding connector protrusion)
RF Interface	SMA-J (One connector at each end of the housing)
Surface Finish	Silver plated
Quality Grade	Industrial
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.