Bandpass Filter · 1100–1600 MHz

This 1100–1600 MHz filter uses opposed SMA-K connectors and has a 2.0 dB maximum insertion-loss rating. The mount uses 32 × 9 mm hole-center spacing and 5 mm thread depth.

RF Performance

Parameter	Value
Passband	1100–1600 MHz
Passband Insertion Loss [1]	≤ 2.0 dB
Out-of-Band Rejection · DC–900 MHz	≥ 45 dB
Out-of-Band Rejection · 1800–3000 MHz	≥ 45 dB
VSWR [1]	≤ 1.50

[1] 1100–1600 MHz

Design Ratings

Guaranteed by design

Parameter	Value
Power Handling	5 W
Operating Temperature	−40…+70 °C
Storage Temperature	−55…+85 °C

Mechanical Specifications

Parameter	Value
RF Interface	SMA-K
RF Impedance	50 Ω
Surface Finish	Silver plating
Housing dimensions	35 × 12 × 8 mm (Excluding connector protrusion)
Mounting holes	4 × M2 bottom tapped holes (Hole-center spacing 32 × 9 mm · 5 mm deep)
Housing material	H62 brass
RF connector axis height above housing base	4 mm

Installation and handling

Clean the product surface without immersing the filter in cleaning liquid.

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.