Bandpass Filter · 1200–1400 MHz

Use the hole-center spacing and housing dimensions to mount the SMA-K unit. Allow additional clearance for the connectors.

RF Performance

Parameter	Value
Passband	1200–1400 MHz
Passband Insertion Loss [1]	≤ 2.0 dB
Passband Ripple [1]	≤ 1.0 dB
Out-of-Band Rejection · DC–1000 MHz	≥ 45 dBc
Out-of-Band Rejection · 1600–4000 MHz	≥ 45 dBc
VSWR [1]	≤ 1.50

[1] 1200–1400 MHz

Design Ratings

Guaranteed by design

Parameter	Value
Power Handling	1 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	30 × 12 × 10 mm (Excluding connector protrusion)
Mounting holes	4 × Ø2.2 mm (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.