Bandpass Filter · 210–230 MHz

Check signal coverage against the 210–230 MHz passband. Allow mating clearance for the opposed SMA-K connectors.

RF Performance

Parameter	Value
Passband	210–230 MHz
Passband Insertion Loss [1]	≤ 3.5 dB
Passband Ripple [1]	≤ 1.0 dB
Out-of-Band Rejection · DC–185 MHz	≥ 50 dBc
Out-of-Band Rejection · 255–600 MHz	≥ 50 dBc
VSWR [1]	≤ 1.5

[1] 210–230 MHz

Design Ratings

Guaranteed by design

Parameter	Value
Power Handling	2 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 × M2 mounting threads (Hole-center spacing 27 × 9 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.