Lowpass Filter · DC–2650 MHz

Stopband Rejection ≥10 dB (2850 MHz) / ≥50 dB (3000–6000 MHz). Package Dimensions 30 × 12 × 10 mm.

RF Performance

Parameter	Value
Passband	DC–2650 MHz
Passband Insertion Loss [1]	≤1.5 dB
Passband Ripple [1]	≤1 dB
Stopband Rejection [2]	≥10 dB
Stopband Rejection [3]	≥50 dB
VSWR [1]	≤1.5:1

[1] DC–2650 MHz
[2] 2850 MHz
[3] 3000–6000 MHz

Design Ratings

Design rating

Parameter	Value
Operating Temperature	−40...+70 °C
Storage Temperature	−55...+85 °C
Power Handling	1 W

Mechanical Specifications

Parameter	Value
RF Impedance	50 Ω
Package Dimensions [1]	30 × 12 × 10 mm
RF Interface [2]	SMA-K
Surface Finish	Silver plated
Mounting holes [3]	4 × M2 through threaded holes

[1] Excluding connector protrusion
[2] One connector at each end of the housing
[3] Hole-center spacing 27 × 9 mm

Assembly and Integration

Do not immerse the filter in cleaning solution. 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.