# Lowpass Filter · DC–930 MHz

Stopband Rejection ≥70 dB (1660–2800 MHz). Package Dimensions 50 × 20 × 12 mm.

## RF Performance

| Parameter | Value |
|---|---|
| Passband | DC–930 MHz |
| Passband Insertion Loss [1] | ≤0.6 dB |
| Passband Ripple [1] | ≤0.6 dB |
| Stopband Rejection [2] | ≥70 dB |
| VSWR [1] | ≤1.5:1 |

[1] DC–930 MHz

[2] 1660–2800 MHz

## Design Ratings Design rating

| Parameter | Value |
|---|---|
| Operating Temperature | −40...+70 °C |
| Storage Temperature | −55...+85 °C |
| Power Handling | 50 W |

## Mechanical Specifications

| Parameter | Value |
|---|---|
| RF Impedance | 50 Ω |
| Package Dimensions | 50 × 20 × 12 mm (Excluding connector protrusion) |
| RF Interface | SMA-K (One connector at each end of the housing) |
| Surface Finish | Silver plated |
| Mounting holes | 4 through holes, Ø2.2 mm (Hole-center spacing 45 × 15 mm) |
| RF Axis from the Upper Housing Edge in Side View | 6 mm |
| RF Axis from the Shown Lower Housing Edge in Plan View | 10 mm |
| Housing corner radius | 1 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.