# Lowpass Filter · DC–23 MHz

RF Interface SMA-K · 50 Ω · Package Dimensions 30 × 12 × 10 mm

## RF Performance

| Parameter | Value |
|---|---|
| Passband | DC–23 MHz |
| Passband Insertion Loss [1] | ≤1 dB |
| Stopband Rejection [2] | ≥35 dB |
| Stopband Rejection [3] | ≥60 dB |
| VSWR [1] | ≤1.4:1 |

[1] DC–23 MHz
[2] 31–34 MHz
[3] 34–500 MHz

## Design Ratings

| Parameter | Value |
|---|---|
| Operating Temperature | –40...+85 °C (Guaranteed by design) |
| Power Handling | 2 W |

## Mechanical Specifications

| Parameter | Value |
|---|---|
| Package Dimensions | 30 × 12 × 10 mm (Excluding connector protrusion) |
| RF Impedance | 50 Ω |
| RF Interface | SMA-K (One connector at each end of the housing) |
| Surface Finish | Silver Plated |
| Mounting holes | 4 × M2 mounting threads (Hole-center spacing 27 × 9 mm) |
| Connector material | Stainless steel |
| Housing material | H62 brass |

## 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.