# Bandpass Filter · 1500–2250 MHz

Allow for the 15 × 10 mm body footprint and 5 mm maximum height in the surface-mount layout. The filter supports reflow soldering at 220 °C.

## RF Performance

| Parameter | Value |
|---|---|
| Passband | 1500–2250 MHz |
| Passband Insertion Loss [1] | ≤ 2.5 dB |
| Passband Ripple [1] | ≤ 1.1 dB |
| Out-of-Band Rejection · DC–1125 MHz | ≥ 50 dBc |
| Out-of-Band Rejection · 2500–4000 MHz | ≥ 45 dBc |
| VSWR [1] | ≤ 1.6 |

[1] 1500–2250 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 | Surface mount |
| RF Impedance | 50 Ω |
| Housing footprint | 15 × 10 mm |
| Maximum side-view envelope | ≤ 5 mm |

## Installation and handling

Clean the product surface without immersing the filter in cleaning liquid. Supports reflow soldering at 220 °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.