# Bandpass Filter · 2000–3000 MHz

Use the 27 × 9 mm hole-center spacing to align the opposed round microstrip pins.

## RF Performance

| Parameter | Value |
|---|---|
| Passband | 2000–3000 MHz |
| Passband Insertion Loss [1] | ≤ 2.5 dB |
| Passband Ripple [1] | ≤ 1.0 dB |
| Out-of-Band Rejection · DC–1500 MHz | ≥ 50 dBc |
| Out-of-Band Rejection · 4000–8500 MHz | ≥ 50 dBc |
| VSWR [1] | ≤ 1.8 |

[1] 2000–3000 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 | Round microstrip pins, 2 × Ø0.5 mm |
| RF Impedance | 50 Ω |
| Housing corner radius | 1 mm |
| Surface Finish | Silver plating |
| Housing dimensions | 30 × 12 × 8 mm (Excludes RF pin protrusions) |
| Mounting holes | 4 through holes, Ø1.8 mm (Hole-center spacing 27 × 9 mm · Countersink Ø3 mm × 90°) |

## Installation and handling

Clean the product surface without immersing the filter in cleaning liquid. The pin axes are centered across the 12 mm body width and 3 mm from the nearer broad face.

**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.