

# QBF-24000-25000-40

## 24~25GHz, 40dB

**Features:**

- \* High Stopband Rejection
- \* Small Size

**Applications:**

- \* Telecom
- \* Laboratory Test
- \* Receivers
- \* Instrumentation

**Electrical**

|                          |  |
|--------------------------|--|
| Passband*1:              | 24~25GHz   |
| Passband Insertion Loss: | 1.4dB max.   |
| Passband Ripple:         | 0.45dB max.  |
| VSWR:                    | 1.15 max.  |
| Stopband Attenuation:    | 80dB@DC~22.95GHz min.<br>40dB@22.95~23.5GHz min.<br>40dB@25.5~26.1GHz min.<br>80dB@26.1~50GHz min. |
| Impedance:               | 50Ω  |
| Average Power:           | 5W max.  |

[1] The actual design bandwidth will be greater than the Pass Band Frequency, and there is no bandwidth limit.

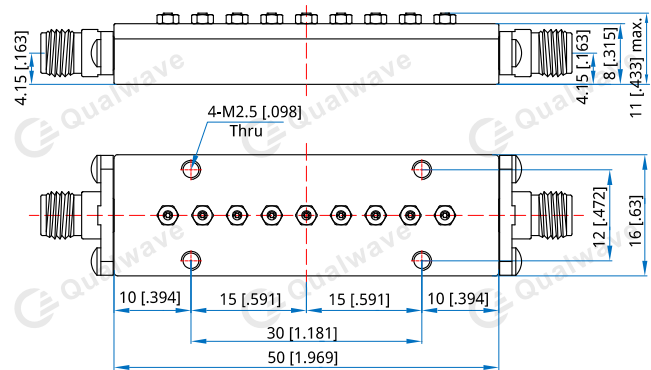
**Mechanical**

|             |                                 |
|-------------|---------------------------------|
| Size*2:     | 50*16*8mm<br>1.969*0.63*0.315in |
| Connectors: | SMA Female                      |
| Mounting:   | 4-M2.5 through hole             |

[2] Exclude connectors.

**Environmental**

|              |           |
|--------------|-----------|
| Temperature: | -30~+70°C |
|--------------|-----------|

**Outline Drawings**


Unit: mm [in]

Tolerance: ±0.3mm [±0.012in]

**How To Order**

**QBF-24000-25000-40**

Customization is available upon request.