

# QBF-11500-12100-60

## 11.5~12.1GHz, 60dB

**Features:**

- \* High Stopband Rejection
- \* Small Size

**Applications:**

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

**Electrical**

|                                     |  |
|-------------------------------------|--|
| Pass Band Frequency <sup>*1</sup> : | 11.5~12.1GHz   |
| Center Frequency:                   | 11.8GHz  |
| Pass Band Insertion Loss:           | 2dB max.   |
| Pass Band Ripple:                   | 1dB max.   |
| Stopband Attenuation:               | 60dB@12.3~12.4GHz &<br>11.2~11.3GHz min.<br>80dB@DC~11.2GHz &<br>12.4~24GHz min. |
| VSWR:                               | 1.15 max.  |
| Power:                              | 5W max.  |
| Impedance:                          | 50Ω  |

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

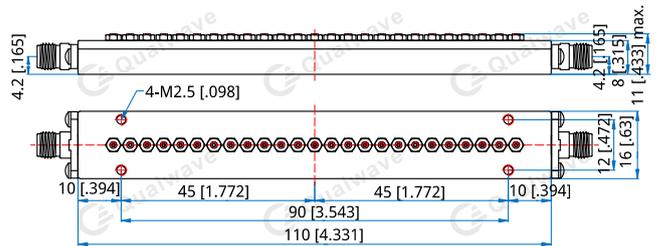
**Mechanical**

|                      |                                  |
|----------------------|----------------------------------|
| Size <sup>*2</sup> : | 110*16*8mm<br>4.331*0.63*0.315in |
| RF Connectors:       | SMA female                       |
| Mounting:            | 4-M2.5mm through-hole            |

[2] Exclude connectors.

**Environmental**

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

**Outline Drawings**


Unit: mm [in]

Tolerance: ±0.3mm [±0.012in]

**How To Order**

**QBF-11500-12100-60**

Customization is available upon request.