

# QBF-8500-16500-50

## 8.5~16.5GHz, 50dB

**Features:**

- \* High Stopband Rejection
- \* Small Size

**Applications:**

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

**Electrical**

|                          |                                             |
|--------------------------|---------------------------------------------|
| Frequency:               | 8.5~16.5GHz                                 |
| Passband Insertion Loss: | 1.5dB max.                                  |
| Passband Ripple:         | 0.7dB max.                                  |
| Stopband Attenuation:    | 50dB@DC~7.2GHz min.<br>50dB@17.8~19GHz min. |
| VSWR:                    | 1.8 max.                                    |
| Average Power:           | 2W max.                                     |
| Impedance:               | 50Ω                                         |

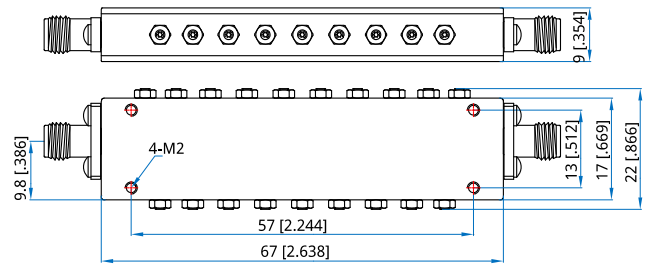
**Mechanical**

|                |                                  |
|----------------|----------------------------------|
| Size*1:        | 67*22*9mm<br>2.638*0.866*0.354in |
| RF Connectors: | 2.92mm female                    |
| Mounting:      | 4-M2 through-hole                |

[1] Exclude connectors.

**Environmental**

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

**Outline Drawings**


Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

**How To Order**

**QBF-8500-16500-50**

Customization is available upon request.