

## QPA-3300-4200-33.5-33

3.3~4.2GHz, 33.5dB, 33dBm

### Features:

- \* Small Size
- \* Low Power Consumption

### Applications:

- \* Wireless
- \* Transmitter
- \* Laboratory Test

### Electrical

|                           |                                      |
|---------------------------|--------------------------------------|
| Frequency:                | 3.3~4.2GHz                           |
| Power Gain:               | 33.5dB min.                          |
| Gain Flatness:            | ±1.5dB typ.                          |
| Output Power (P1dB):      | 33dBm min.                           |
| Spurious:                 | -60dBc typ.<br>(DC~10GHz@Pout=33dBm) |
| 2 <sup>th</sup> Harmonic: | -45dBc typ.                          |
| Input VSWR:               | 1.45 typ.                            |
| Output VSWR:              | 2.0 typ.                             |
| Voltage:                  | +12V DC                              |
| Input Power:              | -2dBm typ.                           |

### Mechanical

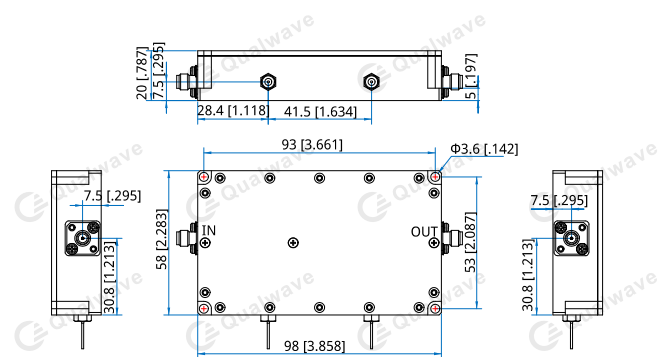
|                         |                                   |
|-------------------------|-----------------------------------|
| Size <sup>*1</sup> :    | 98*58*20mm<br>3.858*2.283*0.787in |
| RF Connectors:          | SMA female                        |
| Power Supply Interface: | Feed through                      |
| Mounting:               | 4-Φ3.6mm through-hole             |
| Cooling:                | Forced Air                        |

[1] Exclude connectors.

### Environmental

|                        |           |
|------------------------|-----------|
| Operating Temperature: | -10~+50°C |
|------------------------|-----------|

### Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

### How To Order

**QPA-3300-4200-33.5-33**

Customization is available upon request.