

## QPA-18000-40000-33-30.5S

18~40GHz, 33dB, 30.5dBm

### Features:

- \* Small Size
- \* Low Power Consumption

### Applications:

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

### Electrical

|                      |               |
|----------------------|---------------|
| Frequency:           | 18~40GHz      |
| Gain:                | 33dB min.     |
| Noise Figure:        | 4.5dB typ.    |
| Output Power (P1dB): | +30dBm min.   |
| Output Power (Psat): | +30.5dBm min. |
| Input VSWR:          | 1.6 typ.      |
| Output VSWR:         | 1.8 typ.      |
| Voltage:             | +12~+16V DC   |
| Current:             | 1.2A typ.     |
| Impedance:           | 50Ω           |

### Absolute Maximum Ratings\*1

RF Input Power: +5dBm typ.

[1] Permanent damage may occur if any of these limits are exceeded.

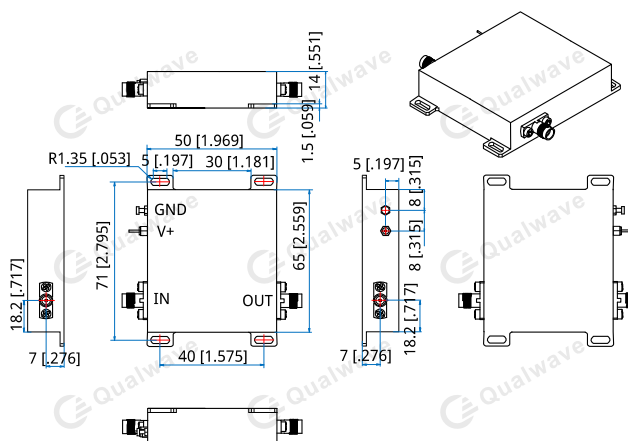
### Mechanical

Size\*2: 50\*65\*14mm  
1.969\*2.559\*0.551in

RF Connectors: 2.92mm Female

[2] Exclude connectors and flanges.

### Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

### How To Order

**QPA-18000-40000-33-30.5S**

Customization is available upon request.