

## QPA-1000-8000-17-30S

1~8GHz, 17dB, 30dBm

### Features:

- \* Small Size
- \* Low Power Consumption

### Applications:

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

### Electrical

|                      |              |
|----------------------|--------------|
| Frequency:           | 1~8GHz       |
| Gain:                | 17dB min.    |
| Output Power (P1dB): | +29dBm min.  |
| Output Power (Psat): | +30dBm min.  |
| Input VSWR:          | 1.6 typ.     |
| Output VSWR:         | 1.8 typ.     |
| Voltage:             | +12V DC typ. |
| Current:             | 450mA typ.   |
| Impedance:           | 50Ω          |

### Absolute Maximum Ratings\*1

|                 |             |
|-----------------|-------------|
| RF Input Power: | +20dBm typ. |
|-----------------|-------------|

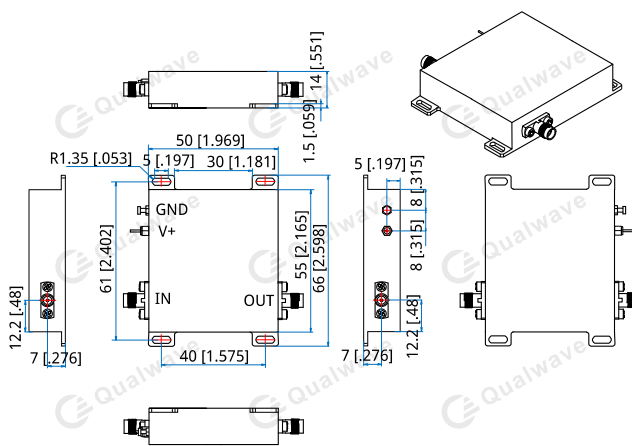
[1] Permanent damage may occur if any of these limits are exceeded.

### Mechanical

|                |                                   |
|----------------|-----------------------------------|
| Size*2:        | 50*55*14mm<br>1.969*2.165*0.551in |
| RF Connectors: | SMA Female                        |

[2] Exclude connectors and flanges.

### Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

### How To Order

**QPA-1000-8000-17-30S**

Customization is available upon request.