

# QPA-5030-5150-55-50S

## 5.03~5.15GHz, 55dB, 50dBm

**Features:**

- \* Small Size
- \* Low Power Consumption

**Applications:**

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

### Electrical

|                      |                                      |
|----------------------|--------------------------------------|
| Frequency:           | 5.03~5.15GHz                         |
| Gain:                | 55dB min.                            |
| Output Power (Psat): | 50dBm min.                           |
| Output Power (P1dB): | 47dBm min.                           |
| Input Power:         | -3±1dBm max.                         |
| Spurious:            | -65dBc max.                          |
| Harmonic:            | -38dBc max.                          |
| Input VSWR:          | 1.8                                  |
| Voltage:             | 30V/15A VCC (Reference)<br>+32V max. |
| PTT:                 | 3.3~5V (On)                          |
| Current:             | 11.5A max.                           |
| Protection Function: | 80°C protection,<br>Open protection  |
| Impedance:           | 50Ω                                  |

### Mechanical

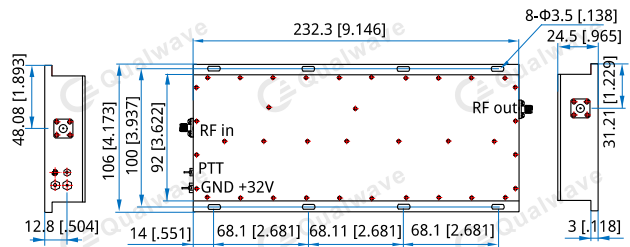
|   |   |
|---|---|
| Size <sup>*1</sup> :                    | 232.3*106*24.5mm<br>9.146*4.173*0.965in |
| Weight:                                 | 0.88kg max.                             |
| RF Connectors:                          | SMA Female                              |
| Power Supply Connectors <sup>*2</sup> : | Feed Through/Terminal Post              |

[1] Exclude connectors.  
[2] Install heat sink during testing.

### Environmental

Operating Temperature: -25~+55°C

### Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

### How To Order

**QPA-5030-5150-55-50S**

Customization is available upon request.