

# QPA-1800-2700-55-50S

## 1.8~2.7GHz, 55dB, 50dBm

<b>Features:</b> * Small Size * Low Power Consumption	<b>Applications:</b> * Wireless * Transmitter * Laboratory Test
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### Electrical

Frequency:	1.8~2.7GHz
Gain:	55dB min.
Gain Flatness:	3±1dB max.
Output Power (Psat):	50dBm min.
Output Power (P1dB):	47dBm min.
Input Power:	-3±2dBm +3dBm max.
Spurious:	-65dBc max.
Harmonic:	-12dBc min.
Input VSWR:	2 max.
Voltage:	32V/16A VCC +33V max.
PTT:	5V (On)
Current:	9~13A max
Protection Function:	80°C protection, Open protection
Impedance:	50Ω

### Mechanical

Size <sup>*1</sup> :	238*128*26.3mm 9.37*5.039*1.035in
Weight:	2kg max.
RF Connectors:	SMA Female
Power Supply Connectors <sup>*2</sup> :	4.2mm double row 6P female seat

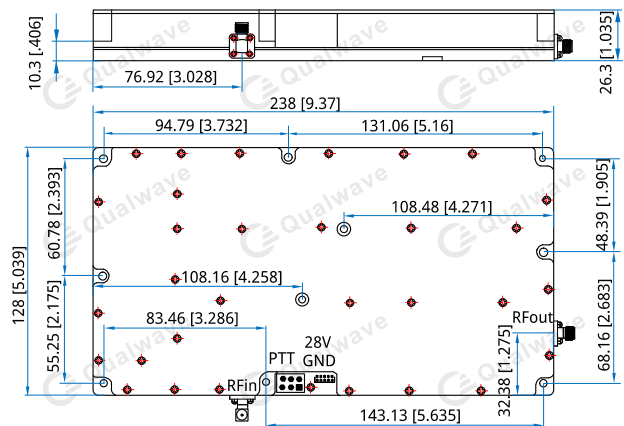
[1] Exclude connectors.

[2] Install heat sink during testing; Delivery 5557 socket cable.

### Environmental

Operating Temperature: -30~+55°C

### Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

### How To Order

**QPA-1800-2700-55-50S**

Customization is available upon request.