

# QPA-800-1800-52-53S

## 0.8~1.8GHz, 52dB, 53dBm

**Features:**

- \* Small Size
- \* Low Power Consumption

**Applications:**

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

**Electrical**

Frequency:	0.8~1.8GHz
Small Signal Gain:	52dB min.
Gain Flatness:	3±1dB max.
Output Power (Psat):	53dBm min.
Input Power:	3dBm
	+6dBm max.
Spurious:	-65dBc max.
Harmonic:	-12dBc min.
Input VSWR:	1.8 max.
Voltage:	36V/30A VCC (Reference)
	+38V max.
PTT:	5V (On)
Current:	20~24A max.
Protection Function:	80°C protection, Open protection
Impedance:	50Ω

**Mechanical**

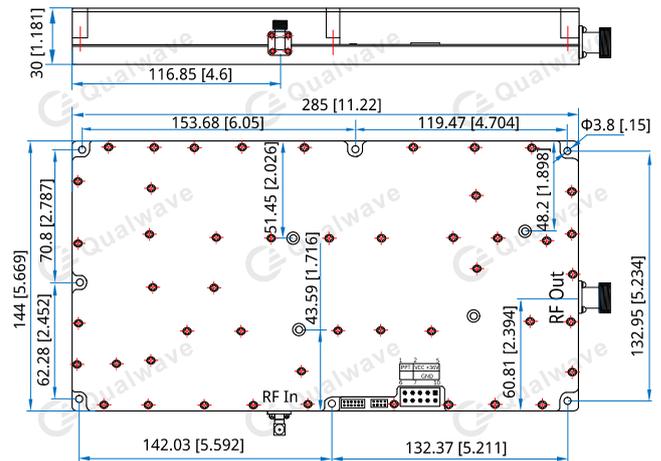
Size <sup>*1</sup> :	285*144*30mm 11.22*5.669*1.181in
Weight:	4.5kg max.
RF In Connectors:	SMA Female
RF Out Connectors:	N Female
Power Supply Connectors <sup>*2</sup> :	4.2mm double row 10P female seat

[1] Exclude connectors.

[2] Install heat sink during testing.

**Environmental**

Operating Temperature: -30~+55°C

**Outline Drawings**


Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

**How To Order**

**QPA-800-1800-52-53S**

Customization is available upon request.