

QPA-800-6000-53-50S

0.8~6GHz, 53dB, 50dBm

Features:

- * Small Size
- * Low Power Consumption

Applications:

- * Wireless
- * Transmitter
- * Laboratory Test

Electrical

Frequency:	0.8~6GHz
Small Signal Gain:	53dB min.
Gain Flatness:	5±1dB max.
Output Power (Psat):	49.54~50dBm min.
Input Power:	2dBm
	+5dBm max.
Spurious:	-65dBc max.
Harmonic:	-9dBc min. @0.8~0.9MHz
Input VSWR:	1.8 max.
Voltage:	30V/22A VCC (Reference)
	+31V max.
PTT:	+3.3~5V (On)
Current:	14~17A max.
Protection Function:	80°C protection
Impedance:	50Ω

Mechanical

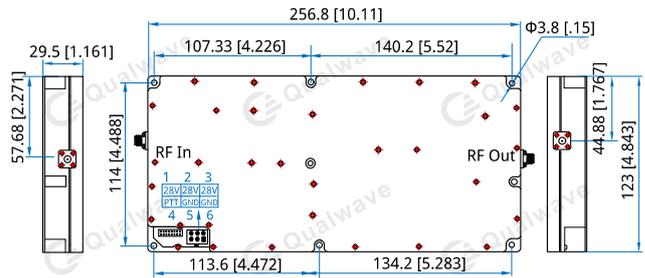
Size ^{*1} :	256.8*123*29.5mm
	10.11*4.843*1.161in
Input Connector:	SMA Female
Output Connector:	N Female
Power Supply Connectors ^{*2} :	4.2mm double row 6P female seat
Mounting:	Φ3.8mm through-hole

[1] Exclude connectors.

[2] Install heat sink during testing.

Environmental

Operating Temperature: -30~+55°C

Outline Drawings


Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

How To Order

QPA-800-6000-53-50S

Customization is available upon request.