

QPA-20-500-55-50S

0.02~0.5GHz, 55dB, 50dBm

Features:

- * Small Size
- * Low Power Consumption

Applications:

- * Wireless
- * Transmitter
- * Laboratory Test

Electrical

Frequency:	0.02~0.5GHz
Gain:	55dB min.
Gain Flatness:	3±1dB max.
Output Power (Psat):	50dBm min.
Output Power (P1dB):	47dBm min.
Input Power:	-3±2dBm
	+2dBm max.
Spurious:	-65dBc max.
Harmonic:	-10dBc max.
Input VSWR:	1.6 max.
Voltage:	28~32V/16A VCC (Reference)
	+31V max.
PTT:	3.3~5V (On)
Current:	8~13A max
Protection Function:	80°C protection
Impedance:	50Ω

Mechanical

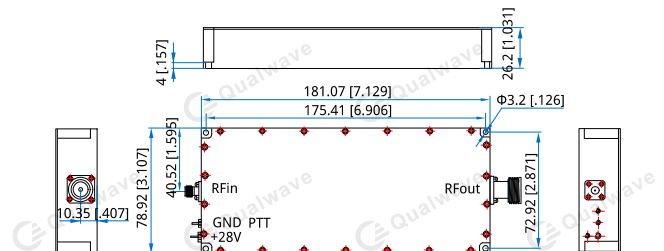
Size ^{*1} :	181.07*78.92*26.2mm
	7.129*3.107*1.031in
Weight:	0.59kg max.
RF In Connectors:	SMA Female
RF Out Connectors:	N Female
Power Supply Connectors ^{*2} :	Feed Through/Terminal Post
Mounting:	4-Φ3.2mm through-hole

[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-20-500-55-50S

Customization is available upon request.