

QPA-800-18000-40-35S

0.8~18GHz, 40dB, 35dBm

Features:

- * Small Size
- * Low Power Consumption

Applications:

- * Wireless
- * Transmitter
- * Laboratory Test

Electrical

Frequency:	0.8~18GHz
Gain:	40dB min.
Gain Flatness:	±3dB max.
Output Power (Psat):	35dBm min.
Output Power (P1dB):	32dBm typ.
Input VSWR:	2 max.
Voltage:	+28V DC typ.
Current:	3A typ.
Impedance:	50Ω

Mechanical

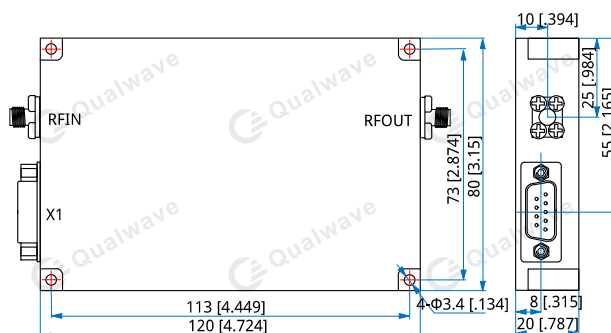
Size ^{*1} :	120*80*20mm
	4.724*3.15*0.787in
RF Connectors:	SMA female
Power Supply Interface:	DSUB-9S
Mounting:	4-Φ3.4mm through-hole

[1] Exclude connectors.

Environmental

Operating Temperature:	-40~+60°C
Non-operating Temperature:	-55~+100°C

Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

X1(DSUB-9S) Definition

Pins	Definition	Description
1-3	+28V	+48V power input
4-5	N/C	N/C
6-8	GND	Power ground
9	PA_EN	TTL, input, PA enable , 0-shutdown, 1-working

How To Order

QPA-800-18000-40-35S

Customization is available upon request.