

QPA-700-2700-45-47S

0.7~2.7GHz, 45dB, 47dBm

Features:

- * Small Size
- * Low Power Consumption

Applications:

- * Wireless
- * Transmitter
- * Laboratory Test

Electrical

Frequency:	0.7~2.7GHz
Gain:	45dB min.
Gain Flatness:	3±1dB max.
Input VSWR:	2 max.
Output Power (Psat):	47dBm±30dBm min.
Input Power:	3±1dBm
	+6dBm max.
Spurious:	-65dBc max.
Harmonic:	-10dBc min. @47dBm
Voltage:	32V/8A VCC
	+33V max.
PTT:	+3.3~5V (On)
Current:	7A max.
Protection Function:	Over 80°C protection
	Open circuit protection
Impedance:	50Ω

Mechanical

Size ^{*1} :	210*101.3*25.5mm
	8.268*3.988*1.004in
RF In Connectors:	SMA Female
RF Out Connectors:	SMA Female
Mounting:	6-Φ3.2mm through-hole
Power Supply Interface ^{*2} :	Feed through/Terminal post

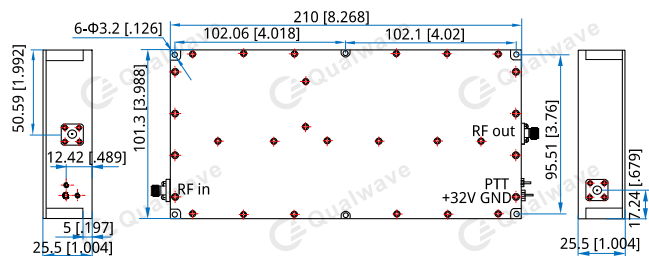
[1] Exclude connectors.

[2] Install heat sink during testing.

Environmental

Operating Temperature:	-25~+55°C
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Outline Drawings



Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

How To Order

QPA-700-2700-45-47S

Customization is available upon request.