

QPA-10-2500-37-37S

10~2500MHz, 37dB, 37dBm

Features:

- * Small Size
- * Low Power Consumption

Applications:

- * Wireless
- * Transmitter
- * Laboratory Test

Electrical

Frequency:	10~2500MHz
Small Signal Gain:	37dB min.
Input Power:	3dBm
	+6dBm max.
Output Power (Psat):	37dBm min.
Gain Flatness:	5±1dB max.
Input VSWR:	2 max.
Spurious:	-65dBc max.
Harmonic:	-7dBc max. @5W
Voltage:	24~32V/5A VCC
	+32V max.
PTT:	3.3~5V (On)
Current:	2A max.
Impedance:	50Ω

Mechanical

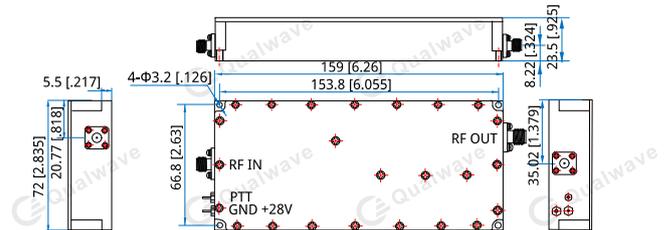
Size ^{*1} :	159*72*23.5mm
	6.26*2.835*0.925in
RF Connectors:	SMA female
Power Supply Connectors ^{*2} :	Feed through/Terminal post
Mounting:	4-Φ3.2mm through-hole

[1] Exclude connectors.

[2] Install heat sink during testing.

Environmental

Operating Temperature: -25~+55°C

Outline Drawings


Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

How To Order

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Customization is available upon request.