

QPA-2700-2900-42-50S

2.7~2.9GHz, 42dB, 50dBm

Features:

- * Small Size
- * Low Power Consumption

Applications:

- * Wireless
- * Transmitter
- * Laboratory Test

Electrical

| | |
|----------------------|-------------|
| Frequency: | 2.7~2.9GHz |
| Gain: | 42dB min. |
| Gain Flatness: | ±1dB typ. |
| Input Power: | 8dBm |
| Output Power (Psat): | 50dBm typ. |
| Pulse Width: | 100us max. |
| Duty Cycle: | 10% max. |
| Pass Rise Time: | 50ns max. |
| Pulse Fall Time: | 50ns max. |
| Pulse Top Drop: | 1dB max. |
| Spurious: | -65dBc max. |
| Harmonic: | -18dBc max. |
| VSWR: | 1.8 typ. |
| Voltage: | +32V DC |
| Current: | 10A max.. |

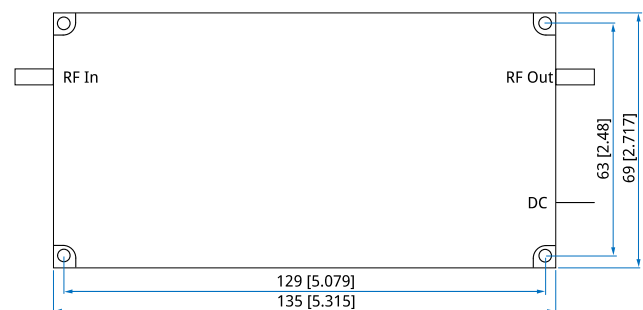
Mechanical

| | |
|-------------------------|----------------------------|
| Size*1: | 135*69mm |
| | 5.315*2.717in |
| RF Connectors: | SMA Female |
| Power Supply Interface: | Feed Through/Terminal Post |

[1] Exclude connectors.

Environmental

| | |
|------------------------|-----------|
| Operating Temperature: | -40~+45°C |
|------------------------|-----------|

Outline Drawings


Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

How To Order

QPA-2700-2900-42-50S

Customization is available upon request.