

## FPA-70-2000-46-47S

70~2000MHz, 46dB, 47dBm

### Features:

- \* Small Size
- \* Low Power Consumption

### Applications:

- \* Wireless
- \* Transmitter
- \* Laboratory Test

### Electrical

|                      |                                           |
|----------------------|-------------------------------------------|
| Frequency:           | 70~2000MHz                                |
| Gain:                | 46dB min.                                 |
| Gain Flatness:       | 2±1dB max. (1~2G)                         |
| Input VSWR:          | 2 max.                                    |
| Output Power (Psat): | 47dBm min.(1~2G)<br>30dBm min.(70~900MHz) |
| Input Power:         | 4±2dBm<br>+12dBm max.                     |
| Spurious:            | -65dBc max.                               |
| Harmonic:            | -13dBc min. (1~2G)                        |
| Voltage:             | 28V/10A VCC                               |
| Current:             | 6A max                                    |
| PTT:                 | 3.3V (On)                                 |
| Impedance:           | 50Ω                                       |

### Mechanical

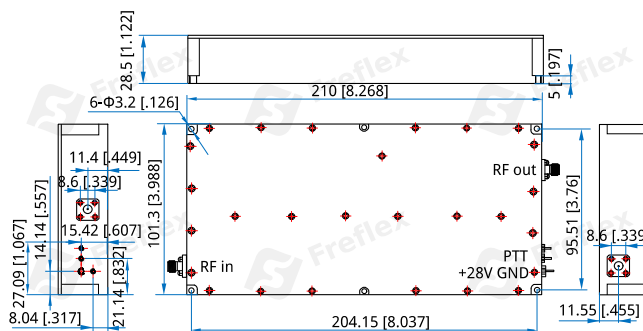
|                         |                                         |
|-------------------------|-----------------------------------------|
| Size*1:                 | 210*101.3*28.5mm<br>8.268*3.988*1.122in |
| RF In Connectors:       | SMA Female                              |
| RF Out Connectors:      | SMA Female                              |
| Mounting:               | 6-Φ3.2mm through-hole                   |
| Power Supply Interface: | Feed Through/Terminal Post              |

[1] Exclude connectors.

### Environmental

|                        |           |
|------------------------|-----------|
| Operating Temperature: | -25~+55°C |
|------------------------|-----------|

### Outline Drawings



Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

### How To Order

**FPA-70-2000-46-47S**

Customization is available upon request.