

## FPA-30-512-43-44.8S

30~512MHz, 43dB, 44.8dBm

### Features:

- \* Small Size
- \* Low Power Consumption

### Applications:

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

### Electrical

|                      |              |
|----------------------|--------------|
| Frequency:           | 30~512MHz    |
| Gain:                | 43dB min.    |
| Gain Flatness:       | 2±1dB max.   |
| Input VSWR:          | 1.8 max.     |
| Output Power (Psat): | 44.8dBm min. |
| Input Power:         | 3±1dBm       |
|                      | +6dBm max.   |
| Spurious:            | -65dBc max.  |
| Harmonic:            | -10dBc max.  |
| Voltage:             | 28V/7A VCC   |
| Current:             | 3~4A max.    |
| Impedance:           | 50Ω          |

### Mechanical

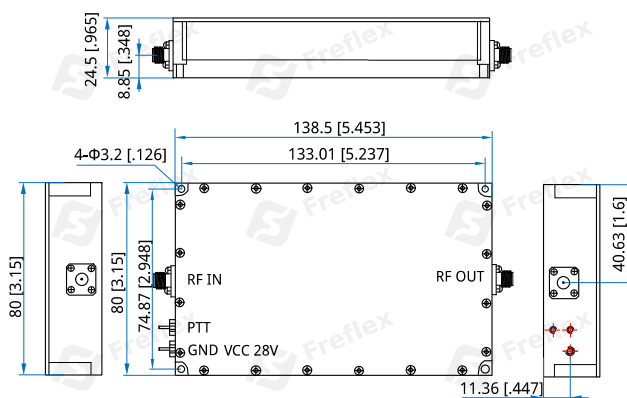
|                         |                            |
|-------------------------|----------------------------|
| Size*1:                 | 138.5*80*24.5mm            |
|                         | 5.453*3.15*0.965in         |
| RF In Connectors:       | SMA Female                 |
| RF Out Connectors:      | SMA Female                 |
| Mounting:               | 4-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-30-512-43-44.8S**

Customization is available upon request.