

## FPA-30-512-40-43S

30~512MHz, 40dB, 43dBm

### Features:

- \* Small Size
- \* Low Power Consumption

### Applications:

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

### Electrical

|                      |                       |
|----------------------|-----------------------|
| Frequency:           | 30~512MHz             |
| Gain:                | 40dB min.             |
| Gain Flatness:       | 2±1dB max.            |
| Input VSWR:          | 1.8 max.              |
| Output Power (Psat): | 43dBm min.            |
| Input Power:         | 4±1dBm<br>+10dBm max. |
| Spurious:            | -65dBc max.           |
| Harmonic:            | -10dBc max.           |
| Voltage:             | 28V/6A VCC            |
| Current:             | 3.5A max.             |
| Impedance:           | 50Ω                   |

### Mechanical

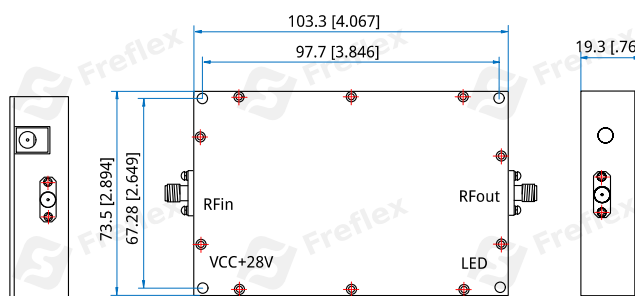
|                         |                                         |
|-------------------------|-----------------------------------------|
| Size <sup>*1</sup> :    | 103.3*73.5*19.3mm<br>4.067*2.894*0.76in |
| RF In Connectors:       | SMA Female                              |
| RF Out Connectors:      | SMA Female                              |
| Power Supply Interface: | DC Plug 2.1mm                           |

[1] Exclude connectors.

### Environmental

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

### Outline Drawings



Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

### How To Order

**FPA-30-512-40-43S**

Customization is available upon request.