

## FPA-300-800-43-43S

0.3~0.8GHz, 43dB, 43dBm

### Features:

- \* Small Size
- \* Low Power Consumption

### Applications:

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

### Electrical

|                      |             |
|----------------------|-------------|
| Frequency:           | 0.3~0.8GHz  |
| Gain:                | 43dB min.   |
| Gain Flatness:       | 2±1dB max.  |
| Input VSWR:          | 1.8 max.    |
| Output Power (Psat): | 43dBm min.  |
| Input Power:         | 2±1dBm      |
|                      | +5dBm max.  |
| Spurious:            | -65dBc max. |
| Harmonic:            | -15dBc max. |
| Voltage:             | 28V/5A VCC  |
| Current:             | 3~4A max    |
| PTT:                 | 5V (On)     |
| Impedance:           | 50Ω         |

### Mechanical

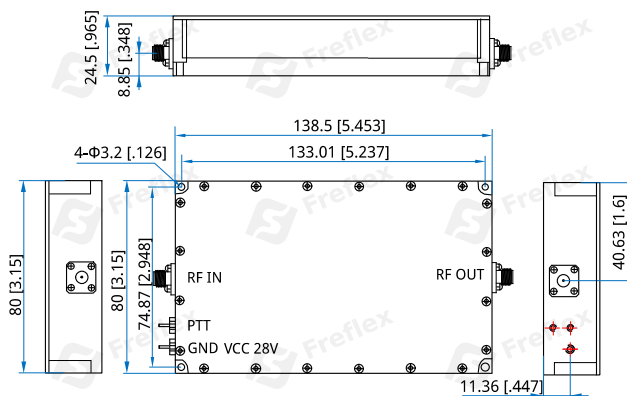
|                         |                            |
|-------------------------|----------------------------|
| Size*1:                 | 138.5*80*24.5mm            |
|                         | 5.453*3.15*0.965in         |
| RF In Connectors:       | SMA Female                 |
| RF Out Connectors:      | 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-300-800-43-43S**

Customization is available upon request.