

## FPA-300-500-52-51.7S

0.3~0.5GHz, 52dB, 51.7dBm

### Features:

- \* Small Size
- \* Low Power Consumption

### Applications:

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

### Electrical

|                      |              |
|----------------------|--------------|
| Frequency:           | 0.3~0.5GHz   |
| Gain:                | 52dB min.    |
| Gain Flatness:       | 1±1dB max.   |
| Input VSWR:          | 1.7 max.     |
| Output Power (Psat): | 51.7dBm min. |
| Input Power:         | 2±1dBm       |
|                      | +6dBm max.   |
| Spurious:            | -65dBc max.  |
| Harmonic:            | -18dBc max.  |
| Voltage:             | 36V/18A VCC  |
| PTT:                 | 3.3~5V (On)  |
| Current:             | 10~15A max   |
| Impedance:           | 50Ω          |

### Mechanical

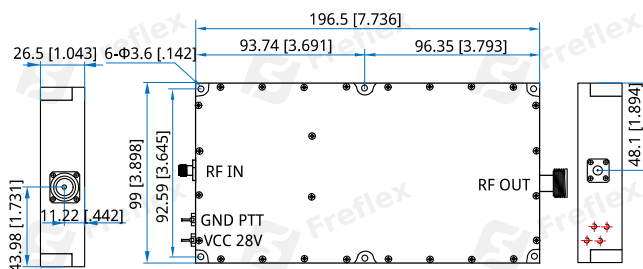
|                         |                            |
|-------------------------|----------------------------|
| Size*1:                 | 196.5*99*26.5mm            |
|                         | 7.736*3.898*1.043in        |
| RF In Connectors:       | SMA Female                 |
| RF Out Connectors:      | N Female                   |
| Mounting:               | 6-Φ3.6mm 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-300-500-52-51.7S**

Customization is available upon request.