

**FPA-1400-1600-47-44.8S**

1.4~1.6GHz, 47dB, 44.8dBm

## Features:

- \* Small Size
- \* Low Power Consumption

## Applications:

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

**Electrical**

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|                                               |              |
|-----------------------------------------------|--------------|
| Frequency:                                    | 1.4~1.6GHz   |
| Gain:                                         | 47dB min.    |
| Gain Flatness:                                | 1±1dB        |
| Input VSWR:                                   | 1.5          |
| Output Power (Psat):                          | 44.8dBm min. |
| Spurious:                                     | -70dBc max.  |
| 2 <sup>th</sup> and 3 <sup>th</sup> Harmonic: | -60dBc max.  |
| 3 <sup>th</sup> harmonic:                     | -80dBc max.  |
| Voltage:                                      | 28V/12A VCC  |
| Current:                                      | 4~5A max     |
| PTT:                                          | 5V (On)      |
| Impedance:                                    | 50Ω          |

**Mechanical**

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|                         |                            |
|-------------------------|----------------------------|
| RF In Connectors:       | SMA Female                 |
| RF Out Connectors:      | SMA Female                 |
| Power Supply Interface: | Feed Through/Terminal Post |

**Environmental**

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

**Outline Drawings**

To be done.

Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

**How To Order**[FPA-1400-1600-47-44.8S](#)

Customization is available upon request.