

## FPA-4000-7000-47-47S

4~7GHz, 47dB, 47dBm

### Features:

- \* Small Size
- \* Low Power Consumption

### Applications:

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

### Electrical

Frequency:	4~7GHz
Gain:	47dB min. (customized)
Gain Flatness:	3±1dB max.
Input VSWR:	1.7 max.
Output Power (Psat):	47dBm min.
Input Power:	2±1dBm
Spurious:	-65dBc max.
Harmonic:	-30dBc max.
Reference Voltage:	28V/12A VCC
Working Voltage:	+28~+30V
Working Current:	7~9A max.
PTT:	3.3~5V (On)
Protection Function:	Over 80°C protection
Impedance:	50Ω

### Mechanical

Size <sup>*1</sup> :	198*101.7*27.5mm 7.795*4.004*1.083in
RF Connectors:	SMA Female
Mounting:	8-Φ3.5mm through-hole
Power Supply Interface <sup>*2</sup> :	Feed through/Terminal post

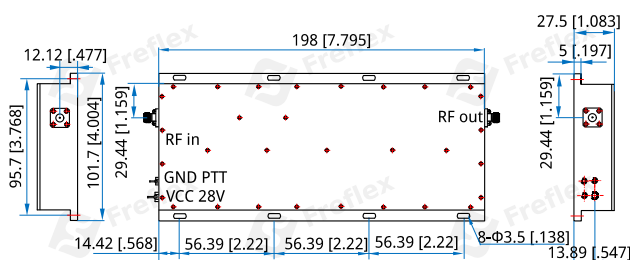
[1] Exclude connectors.

[2] Install heat sink during testing.

### Environmental

Operating Temperature:	-25~+55°C
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### Outline Drawings



Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

### How To Order

**FPA-4000-7000-47-47S**

Customization is available upon request.