

## FPA-14700-15100-13-40

14.7~15.1GHz, 13dB, 40dBm

### Features:

- \* Small Size
- \* Low Power Consumption

### Applications:

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

### Electrical

Frequency:	14.7~15.1GHz
Gain:	13dB min.
Gain Flatness:	1±1dB
Output Power (P1dB):	40dBm min.
Current:	2A max.
Voltage:	28V/6A +31V max.
Spurious:	-60dBc max.
Harmonic:	-20dBc max.
Input VSWR:	2 max.
Input Power:	27±1dBm
Impedance:	50Ω

### Mechanical

Size <sup>*1</sup> :	115*76.5*25.5mm 4.528*3.012*1.004in
RF Connectors <sup>*2</sup> :	SMA Female
Mounting:	4-Φ3.8mm through-hole
Power Supply Interface <sup>*3</sup> :	Feed Through/Terminal Post
Negative Pressure Power Supply:	-7V~15V, does not work without negative voltage connection

[1] Exclude connectors.

[2] Output with isolator.

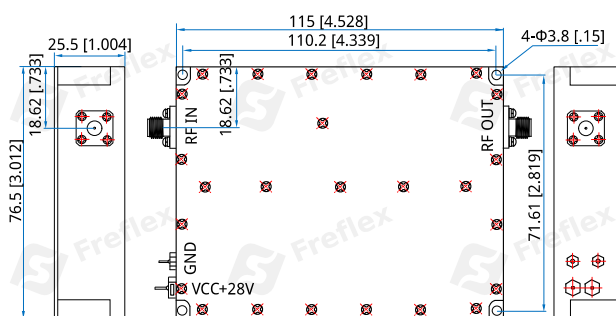
[3] Install heat sink during testing.

### Environmental

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

### Outline Drawings

(Pins are for reference only and are subject to the real thing)



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

### How To Order

**FPA-14700-15100-13-40**

Customization is available upon request.