

## FPA-40000-50000-20-20

40~50GHz, 20dB, 20dBm

### Features:

- \* Small Size
- \* Low Power Consumption

### Applications:

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

### Electrical

|                      |             |
|----------------------|-------------|
| Frequency:           | 40~50GHz    |
| Gain:                | 20dB typ.   |
| Output Power (P1dB): | 20dBm typ.  |
| Spurious:            | -60dBc max. |
| Harmonic:            | -15dBc typ. |
| Input VSWR:          | 2 typ.      |
| Output VSWR:         | 2 typ.      |
| Voltage:             | +6V DC      |
| Current:             | 300mA typ.  |

### Mechanical

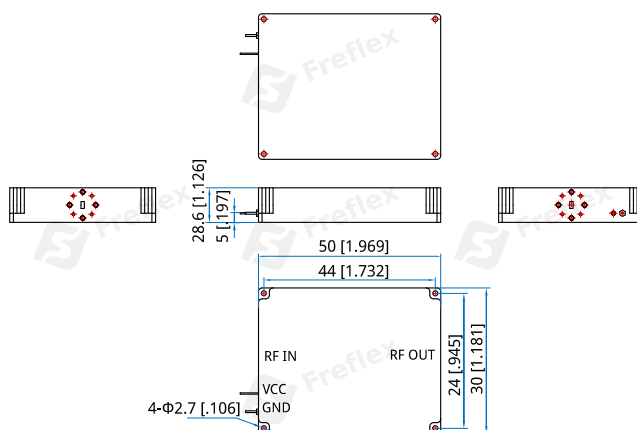
|                          |                                              |
|--------------------------|----------------------------------------------|
| Size <sup>*1</sup> :     | 50*30*28.6mm<br>1.969*1.181*1.126in          |
| Weight:                  | 300g max.                                    |
| Interface:               | WR-22                                        |
| Power Supply Connectors: | Feed Through/Terminal Post                   |
| Housing Material:        | Aluminum                                     |
| Mounting:                | 4-Φ2.7mm through-hole                        |
| Cooling:                 | External Heatsink (supplied on request only) |

[1] Exclude connectors.

### Environmental

|                            |           |
|----------------------------|-----------|
| Operating Temperature:     | -20~+60°C |
| Non-operating Temperature: | -55~+85°C |

### Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

### How To Order

**FPA-40000-50000-20-20**

Customization is available upon request.