

# FPA-18000-40000-35-28S

18~40GHz, 35dB, 28dBm

**Features:**

- \* Small Size
- \* Low Power Consumption

**Applications:**

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

**Electrical**

Frequency:	18~40GHz
Gain:	35dB min.
Noise Figure:	4.5dB typ.
Output Power (P1dB):	+27dBm min.
Output Power (Psat):	+28dBm min.
Input VSWR:	1.6 typ.
Output VSWR:	1.8 typ.
Voltage:	+12~+16V DC
Current:	0.7A typ.
Impedance:	50Ω

**Absolute Maximum Ratings\*1**

RF Input Power: +5dBm typ.

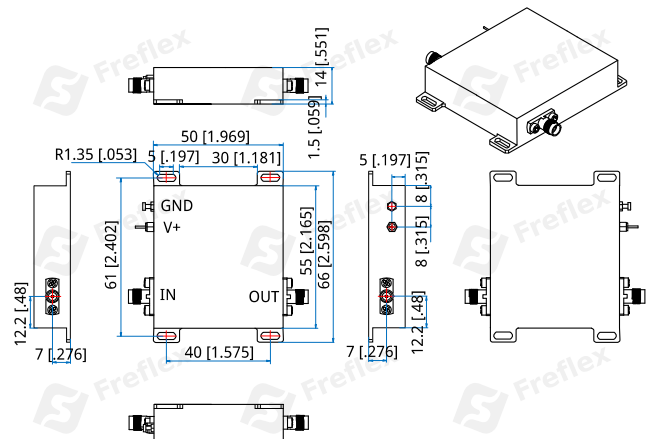
[1] Permanent damage may occur if any of these limits are exceeded.

**Mechanical**

Size\*1: 50\*55\*14mm  
1.969\*2.165\*0.551in

RF Connector: 2.92mm Female

[1] Exclude connectors and flanges.

**Outline Drawings**


Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

**How To Order**

**FPA-18000-40000-35-28S**

Customization is available upon request.