

# **FPA-940-1070-43-43S** 0.94~1.07GHz, 43dB, 43dBm

**Features:**

- \* Small Size
- \* Low Power Consumption

**Applications:**

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

**Electrical**

Frequency:	0.94~1.07GHz
Gain:	43dB min.
Gain Flatness:	1±1dB max.
Output Power (Psat):	43dBm min.
Input Power:	3dBm max.
Protection Function:	Over 80°C protection
Harmonic:	-15dBc max. @50W
Voltage:	28V/5A VCC +31V max.
PTT:	3.3~5V (On)
Current:	3A max.
Impedance:	50Ω

**Mechanical**

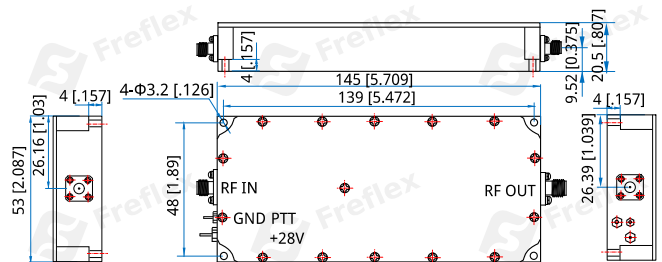
Size* <sup>1</sup> :	145*53*20.5mm 5.709*2.087*0.807in
RF Connectors:	SMA female
Mounting:	4-Φ3.2mm through-hole
Power Supply Interface* <sup>2</sup> :	Feed through/Terminal post

[1] Exclude connectors.

[2] Install heat sink during testing, output with isolator.

**Environmental**

Operating Temperature: -25~+55°C

**Outline Drawings**


Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

**How To Order**

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Customization is available upon request.