

FPA-5600-5800-30-53S

5.6~5.8GHz, 30dB, 53dBm

Features:

- * Small Size
- * Low Power Consumption

Applications:

- * Wireless
- * Transmitter
- * Laboratory Test

Electrical

Frequency:	5.6~5.8GHz
Gain:	30±1 min.
Output Power (Psat):	53dBm min.
Output Power (P1dB):	50dBm min.
Input Power:	23±1dBm max.
Spurious:	-65dBc max.
Harmonic:	-30dBc max. @Psat 53dBm
Input VSWR:	1.7 max.
Operating Current:	21~23A max.
Voltage:	32V/26A VCC +33V max.
Phase Noise:	-100dBc typ. @100KHz max. -130dBc typ. @10MHz max.
Protection Function:	Over 80°C protection Open circuit protection
PTT:	3.3~5V (On)

Mechanical

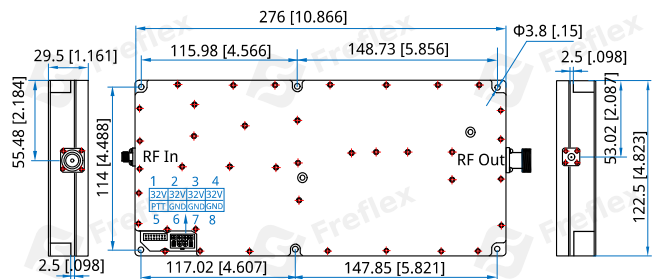
Size*1:	276*122.5*29.5mm 10.866*4.823*1.161in
Input Connector:	SMA Female
Output Connector:	N Female
Power Supply Connectors:	Feed Through/Terminal Post
Mounting:	Φ3.8mm through-hole

[1] Exclude connectors.

[2] The amplifier test requires the installation of a heat sink.

Environmental

Operating Temperature: -25~+55°C

Outline Drawings


Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

How To Order

FPA-5600-5800-30-53S

Customization is available upon request.