FPA-1000-6000-52-50S

1~6GHz, 52dB, 50dBm

Features:
* Small Size
* Low Power Consumption

Applications:
* Wireless
* Transmitter
* Laboratory Test

Electrical

Frequency:	1~6GHz
Small Power Gain:	52dB min.
Gain Flatness:	4±1dB max.
Output Power (Psat)[*1]:	49.54~50dBm min.
Input Power:	2dBm
	+5dBm max.
Spurious:	-65dBc max.
Harmonic:	-11dBc min.
Input VSWR:	1.8 max.
Voltage:	30V/22A VCC (Reference)
	+31V max.
PTT:	+3.3~5V (On)
Current:	12~16.5A max.
Protection Function:	Over 80°C protection
Impedance:	50Ω

[1] At certain points, the power exceeds 92W.

Mechanical

Size[*2]:	256.8*123*29.5mm
	10.11*4.843*1.161in
Input Connector:	SMA Female
Output Connector:	N Female
Power Supply Connectors[*3]:	5557-2X3-4.2mm6P
Mounting:	Φ3.8mm through-hole

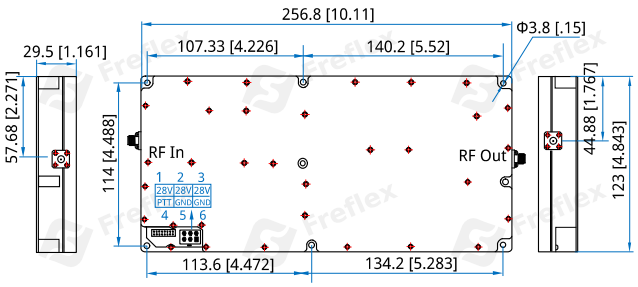
[2] Exclude connectors.

[3] Install heat sink during testing.

Environmental

Operating Temperature:	-30~+55°C

Outline Drawings



Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

How To Order

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Customization is available upon request.