Freflex

Power Amplifier

FPA-30-2000-40-40S

30~2000MHz, 40dB, 40dBm

Features:
* Small Size
* Low Power Consumption

Applications:
* Wireless
* Transmitter
* Laboratory Test

Electrical

Frequency:	30~2000MHz
Gain:	40dB min.
Gain Flatness:	3±1dB max.
Input VSWR:	2 max.
Output Power (Psat):	40dBm min.
Input Power:	2±1dBm
	+10dBm max.
Spurious:	-65dBc max.
Harmonic:	-10dBc max.
Voltage:	28~32V/5A VCC
PTT:	5V (On)
Current:	2.5A max.
Impedance:	50Ω

Mechanical

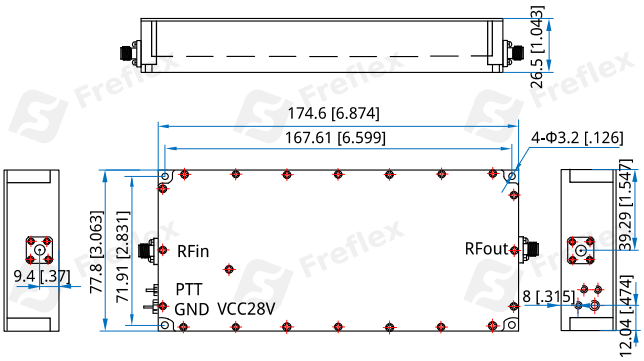
Size*1:	174.6*77.8*26.5mm
	6.874*3.063*1.043in
RF In Connectors:	SMA Female
RF Out Connectors:	SMA Female
Mounting:	4-Φ3.2mm through-hole
Power Supply Interface:	Feed Through/Terminal Post

[1] Exclude connectors.

Environmental

Operating Temperature:	-30~+55℃

Outline Drawings



Unit: mm [in]
Tolerance: ±0.5mm [±0.02in]

How To Order

FPA-30-2000-40-40S

Customization is available upon request.