Freflex

Power Amplifier

FPA-0.02-30-48-50S

0.02~30MHz, 48dB, 50dBm

Features:
* Small Size
* Low Power Consumption

Applications:
* Wireless
* Transmitter
* Laboratory Test

Electrical

Frequency:	0.02~30MHz
Gain:	48dB min.
Gain Flatness:	2±1dB max.
Input VSWR:	2 max.
Output Power (Psat):	50dBm min.
Input Power:	3±1dBm
	+10dBm max.
Spurious:	-65dBc max.
Harmonic:	-10dBc max.
Voltage:	32V/16A VCC
PTT:	3.3~5V (On)
Current:	8~12.5A max.
Impedance:	50Ω

Mechanical

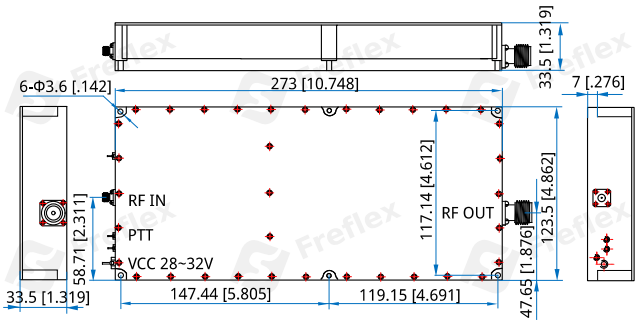
Size[*1]:	273*123.5*33.5mm
	10.748*4.862*1.319in
RF In Connectors:	SMA Female
RF Out Connectors:	N Female
Mounting:	6-Φ3.6mm through-hole
Power Supply Interface:	Feed Through/Terminal Post

[1] Exclude connectors.

Environmental

Operating Temperature:	-25~+55℃

Outline Drawings



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

How To Order

FPA-0.02-30-48-50S

Customization is available upon request.