FPA-8000-9000-40-40S

8~9GHz, 40dB, 40dBm

Features:
* Small Size
* Low Power Consumption

Applications:
* Wireless
* Transmitter
* Laboratory Test

Electrical

Frequency:	8~9GHz
Gain:	40dB min.
Gain Flatness:	2±1dB
Output Power (Psat):	40dBm min.
Current:	3A max.
Voltage:	28V/6A +31V max.
Spurious:	-60dBc max.
Harmonic:	-20dBc @40dBm max.
Input VSWR:	1.7
Input Power:	1±1dBm
PTT:	5V (On)
Temperature Protection:	Higher than 80 degrees automatically shut down the amplifier, to 60 degrees, open the protection function to protect the amplifier
Impedance:	50Ω

Mechanical

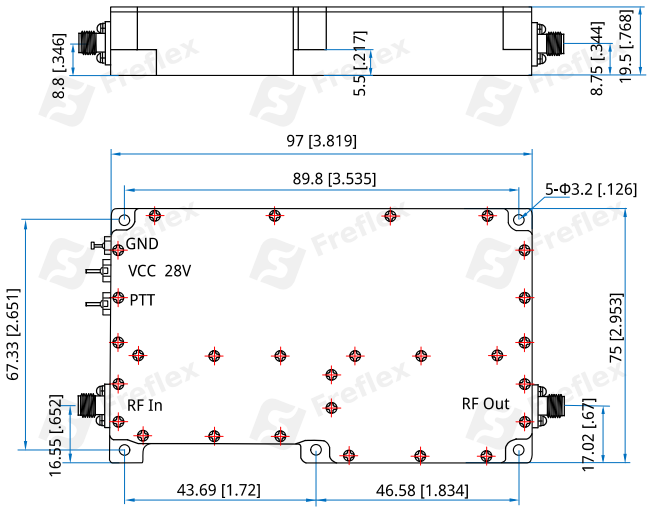
Size[*1]:	97*75*19.5mm 3.819*2.953*0.768in
RF Connectors[*2]:	SMA female
Mounting:	5-Φ3.2mm through-hole
Power Supply Interface[*3]:	Feed through/Terminal post

[1] Exclude connectors.
[2] Output with isolator.
[3] Install heat sink during testing.

Environmental

Operating Temperature:	-25~+55℃

Outline Drawings



Unit: mm [in]
Tolerance: ±0.2mm [±0.008in]

How To Order

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Customization is available upon request.