

FPA-500-1810-55-50S
0.5~1.81GHz, 55dB, 50dBm

Features:

- * Small Size
- * Low Power Consumption

Applications:

- * Wireless
- * Transmitter
- * Laboratory Test

Electrical

Frequency:	0.5~1.81GHz
Gain:	55dB min.
Gain Flatness:	3±1dB max.
Output Power (Psat):	50dBm min.
Output Power (P1dB):	47dBm min.
Input Power:	-3±2dBm +3dBm max.
Spurious:	-65dBc max.
Harmonic:	-11dBc min.
Input VSWR:	2 max.
Voltage:	32V/16A VCC (Reference) +33V max.
PTT:	5V (On)
Current:	9~13A max
Protection Function:	80°C protection
Impedance:	50Ω

Mechanical

Size*1:	238*128*26.3mm 9.37*5.039*1.035in
Weight:	2kg max.
RF Connectors:	SMA Female
Power Supply Connectors*2:	4.2mm double row 6P female seat

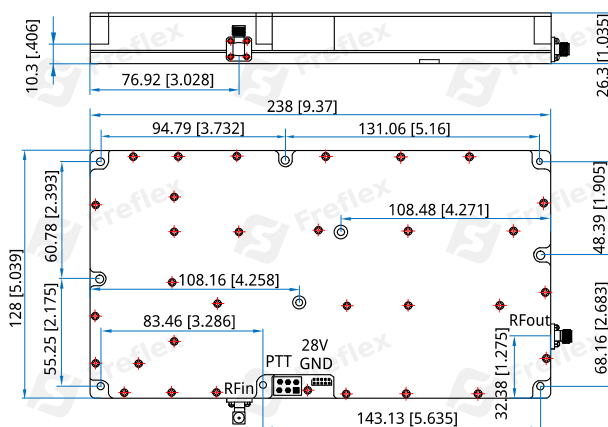
[1] Exclude connectors.

[2] Install heat sink during testing; Delivery 5557 socket cable.

Environmental

Operating Temperature: -30~+55°C

Outline Drawings



Unit: mm [in]

Tolerance: $\pm 0.2\text{mm}$ [$\pm 0.008\text{in}$]

How To Order

FPA-500-1810-55-50S

Customization is available upon request.