

## NPA-410-950-45-47S

0.41~0.95GHz, 45dB, 47dBm

Power Amplifier

**Features:**

- \* Small Size
- \* Low Power Consumption

**Applications:**

- \* Wireless
- \* Transmitter
- \* Laboratory Test

**Electrical**

Frequency:	0.41~0.95GHz
Gain:	45dB typ.
Gain Flatness:	±2dB typ.
Output Power (Psat):	47dBm typ.
Spurious:	-50dBc typ.
Harmonic:	-10dBc typ.
Input VSWR:	1.45 typ.
Output VSWR:	2 typ.
Input Power:	5~7dBm
Voltage:	+28V DC
Current:	6A typ.
Impedance:	50Ω
EN:	TTL High: On TTL Low/NC: Off

**Mechanical**

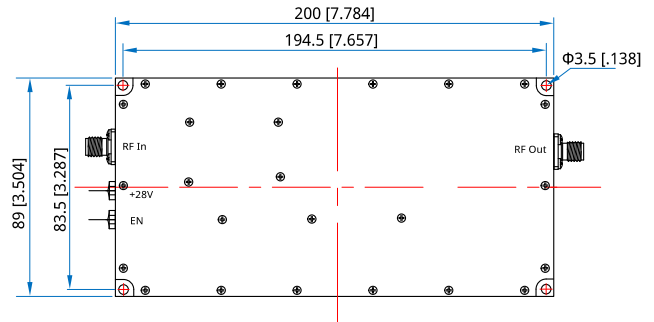
Size*1:	200*89*25mm 7.784*3.504*0.984in
Weight:	2Kg typ.
RF Connectors:	SMA Female
Power Supply Connectors:	Feed Through/Terminal Post
Mounting:	4-Φ3.5mm through-hole
Cooling:	Forced air

[1] Exclude connectors.

**Environmental**

Operating Temperature: -20~+50°C

**Outline Drawings**



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

**How To Order**

**NPA-410-950-45-47S**

Customization is available upon request.