

# FPA-20-500-40-50S

## 20~500MHz, 40dB, 50dBm

**Features:**

- \* Small Size
- \* Low Power Consumption

**Applications:**

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

**Electrical**

Frequency:	20~500MHz
Power Gain:	40dB min.
Gain Flatness:	±2.5dB max.
Output Power (Psat):	50dBm min.
Spurious:	-60dBc typ.
	DC~10GHz@Psat=50dBm
2 <sup>th</sup> Harmonic:	-12dBc typ.@Psat=50dBm
Input VSWR:	1.45 max.
Output VSWR:	2 max.
Voltage:	+32V DC max.
Input Power:	+13dBm max.

**Mechanical**

Size <sup>*1</sup> :	198*88*25mm 7.795*3.465*0.984in
RF In Connectors:	SMA female
RF Out Connectors:	N female
Power Supply Interface:	Feed through
Mounting:	6-Φ3.2mm through-hole
Cooling:	Forced Air

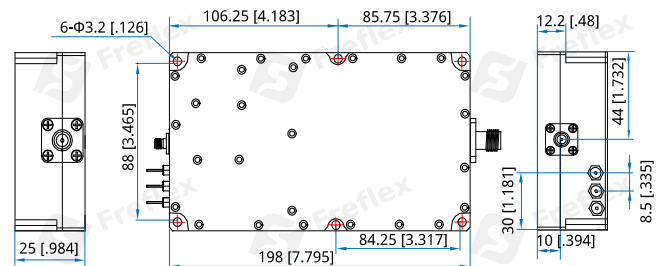
[1] Exclude connectors.

**Environmental**

Operating Temperature:	-10~+50°C
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**Outline Drawings**

(The following pictures are for reference only, subject to the actual objects)



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

**How To Order**

**FPA-20-500-40-50S**

Customization is available upon request.