

**10.25 to 18GHz 10dBm Low Noise Amplifier** **LA102180-G50P10**

**1, Configuration**

- 18GHz, SMA-Female Low Noise Amplifier ;
- Low noise figure 2.5dB ;
- Output Power 10dBm ;
- Operating Temperature -55 to +85°C.

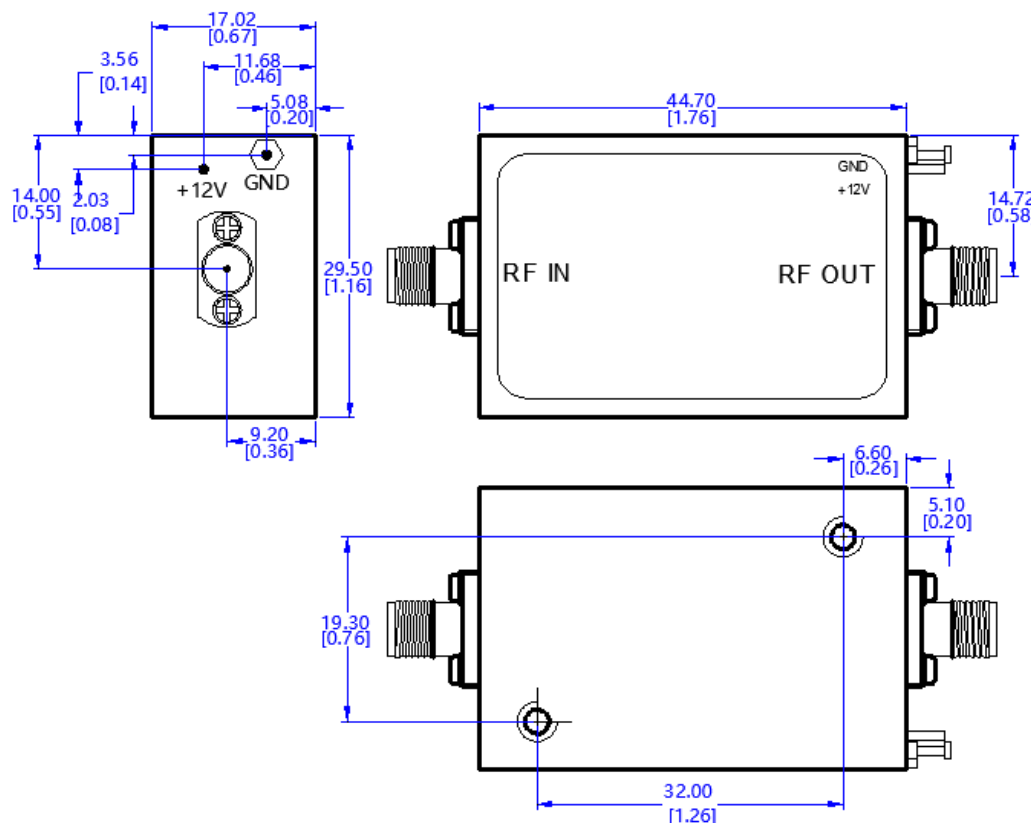


**2, Specifications** (Electrical Specifications measured in a 50Ω system, Values at 25 °C)

Parameter	Unit	Specification	Parameter	Unit	Specification
Freq. Range	GHz /	10.25 - 18	Operating Temp.	°C	-55 to +85
Impedance	Ω /	50	ROHS Compliant	/	Yes
Input Power	dBm Max.	5	Input Connectors	/	SMA-Female
Gain	dB Min.	50	Output Connectors	/	SMA-Female
Gain Fla.	dB Max.	±1.5	Dimension L*W*H	mm	44.7*29.5*17
NF.	dB Max.	2.5	Weight Max.	g	TBD
In / out VSWR	/ Max.	2.0 / 2.0	Surface	/	original colour
Power@ P-1dB	dBm Min.	10	The Output Port inhibit no-load.		
Power Supply	V /mA Type.	+12 / TBD			

**Special Request :**

**3, CAD Drawing**



Unit: MM / [Inch], Unless otherwise specified, Outline drawing ±0.2MM ; Hole±0.1MM