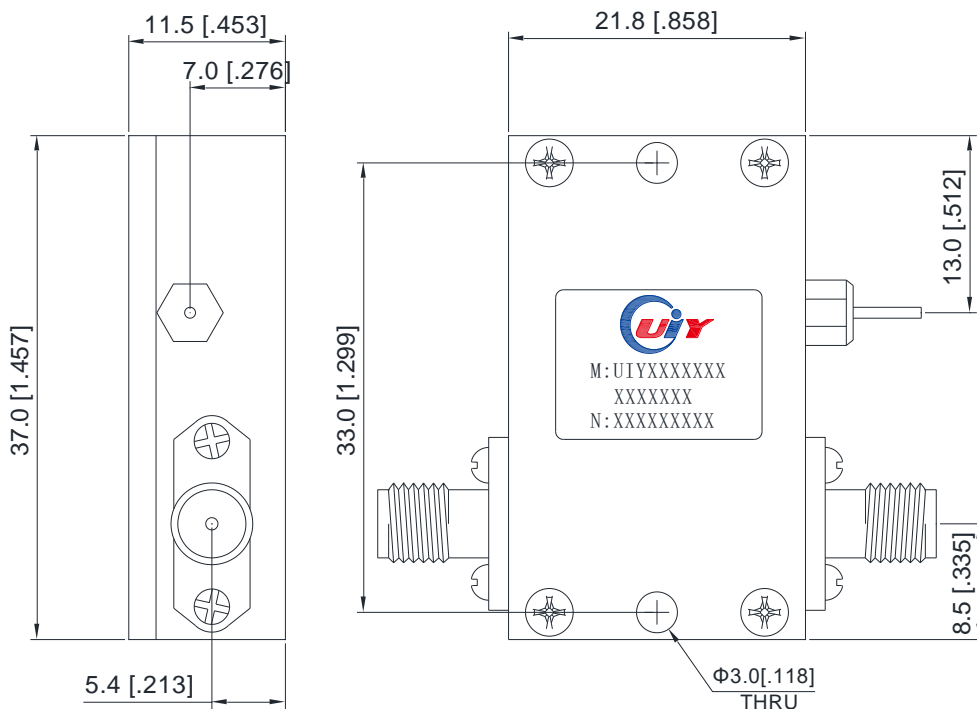


# 1 to 18GHz – Low Noise Amplifier

## UIYLNA2137A1T18SF

RF Characteristics @T=25°C, 50Ω System					
Parameter	Symbol	Min	Type	Max	Unit
Operating Frequency	BW	1		18	GHz
Power @1dB	P1dB		15		dBm
Power Gain @CW	G		28		dB
Input Power	Pin		-10	-5	dBm
Gain Flatness	ΔG		±1.0		dB
Noise Figure @10GHz	NF		2.8		dB
Input VSWR	S11		2:1		
Output VSWR	S22		2:1		
Operating Voltage	VDC		8		Volt
Current Consumption	I <sub>b</sub>		200		mA
Operating Temperature	T <sub>c</sub>	-20		+70	°C
Storage Temperature	T <sub>stg</sub>	-55		+100	°C
Connector Type	SMA Female				
◇ Listed are specific frequency ranges and other ranges are available. ◇ Please provide the below information when inquiring and mark * is required. * 1. The specific pass band frequency range * 2. The specific Gain and Power * 3. Other special requests.					

### Mechanical Drawing



Unit: mm/ inch, General part tolerance is ±2% unless otherwise stated.

Ver. 5.0