

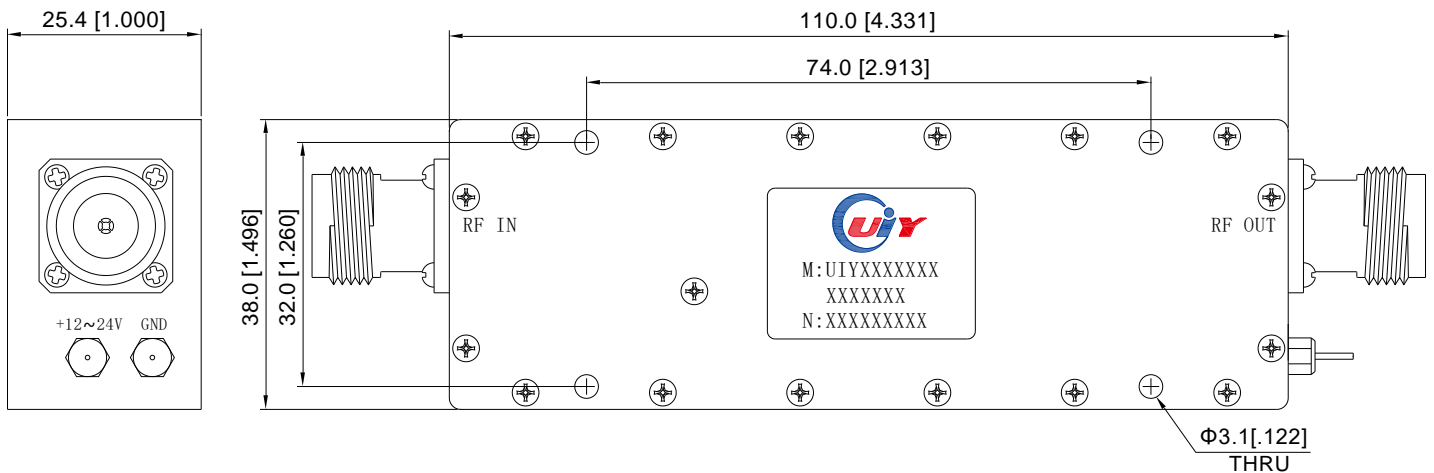
30 to 1350MHz – Low Noise Amplifier

UIYLNA11038A30T1350NF

RF Characteristics @T=25°C, VDD=+15VDC; 50Ω System					
Parameter	Symbol	Min	Type	Max	Unit
Operating Frequency	BW	30		1350	MHz
Power Output CW	Po	-20	0	5	dBm
Power @1dB	P1dB	0	5	10	dBm
Output Third Order Intercept Point	3rdOIP		30		dBm
Power Gain @CW	G	35	36	37	dB
Input Power	Pin	-40	-35	-30	dBm
Gain Flatness	ΔG		±1.0		dB
Input VSWR	S11		1.5:1		
Odd Harmonics @CW	H	-13	-15	-30	dBc
Even Harmonics @CW	H	-15	-20	-35	dBc
Noise Figure	NF		2.5		dB
Spurious Signals	Spur		-60		dBc
Operating Voltage	VDC	12	15	24	Volt
Current Consumption@ Po=0dBm	I _b	120	150	200	mA
Operating Temperature	T _c	-40		+60	°C
Storage Temperature	T _{stg}	-55		+70	°C

✧ 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