

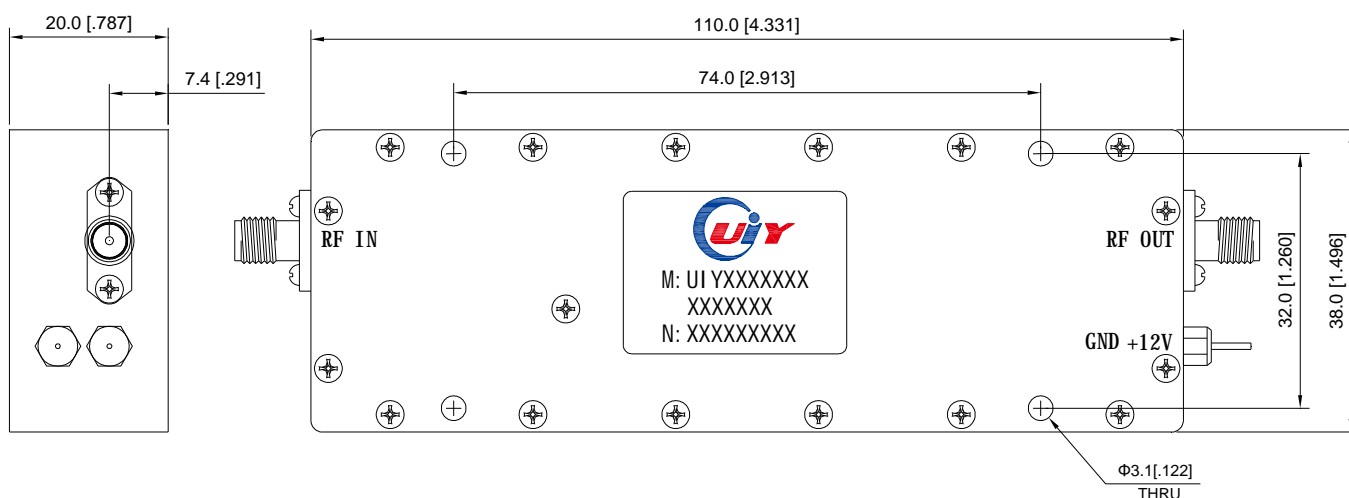
1800 to 1900MHz – Low Noise Amplifier

UIYLNA11038A1800T1900SF

RF Characteristics @T=25°C, VDD=+12VDC; 50Ω System					
Parameter	Symbol	Min	Type	Max	Unit
Operating Frequency	BW	1800		1900	MHz
Power Output CW	Po		22		dBm
Power @1dB	P1dB		22		dBm
Power @3dB	P3dB		26		dBm
Pout IMD3	IMD3		36		dBm
Power Gain @CW	G		30		dB
Input VSWR	S11		1.8:1		
Noise Figure	NF		1.5		dB
Operating Voltage	VDC		12		Volt
Current Consumption	I _d		0.5		A
Operating Temperature	T _c	-40		+60	°C
Storage Temperature	T _{stg}	-55		+70	°C
Connector Type	Input SMA Female, Output SMA Female				
² Listed are specific frequency ranges and other ranges are available. ² 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

Note: External heatsink is needed in this module



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

Ver. 5