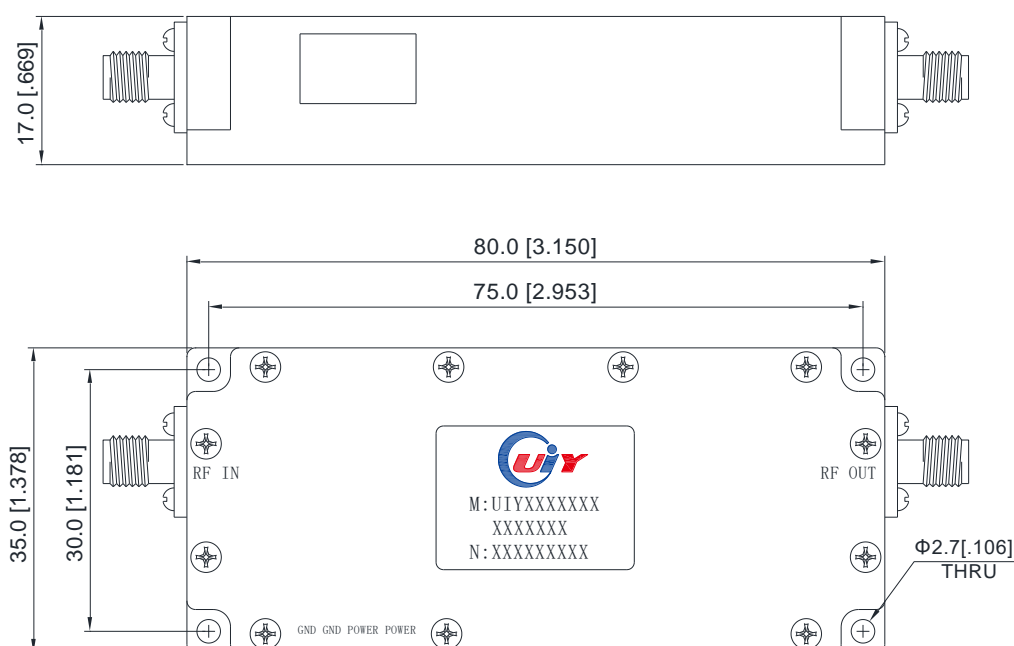


## 900 to 1300MHz – Low Noise Amplifier

### UIYLNA8035A900T1300SF

RF Characteristics @T=25°C, VDD=+5VDC; 50Ω System					
Parameter	Symbol	Min	Type	Max	Unit
Operating Frequency	BW	900		1300	MHz
Power Gain @CW	G		35		dB
Noise Figure	NF		0.5	0.6	dB
Power @1dB	P1dB		13		dBm
IP3	IP3		27		dBm
Input VSWR	S11		1.22	1.5	
Operating Voltage	VDC		+5		Volt
Current Consumption	I <sub>D</sub>		130		mA
Operating Temperature	T <sub>c</sub>	-40		+60	°C
Storage Temperature	T <sub>stg</sub>	-55		+70	°C
Connector Type	SMA Female				
<div>✧ Noise Figure: 0.50 dB typical, 0.6dB max at RT, the 0.5dB includes the input SMA connector, wideband matching components for optimum input VSWR, etc. within entire band.</div> <div>✧ Listed are specific frequency ranges and other ranges are available.</div> <div>✧ Please provide the below information when inquiring and mark * is required.</div> <div><div>* 1. The specific pass band frequency range</div><div>* 2. The specific Gain and Power</div><div>3. Other special requests.</div></div>					

## Mechanical Drawing



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

Ver. 5.1