

## Data Sheet for LNA

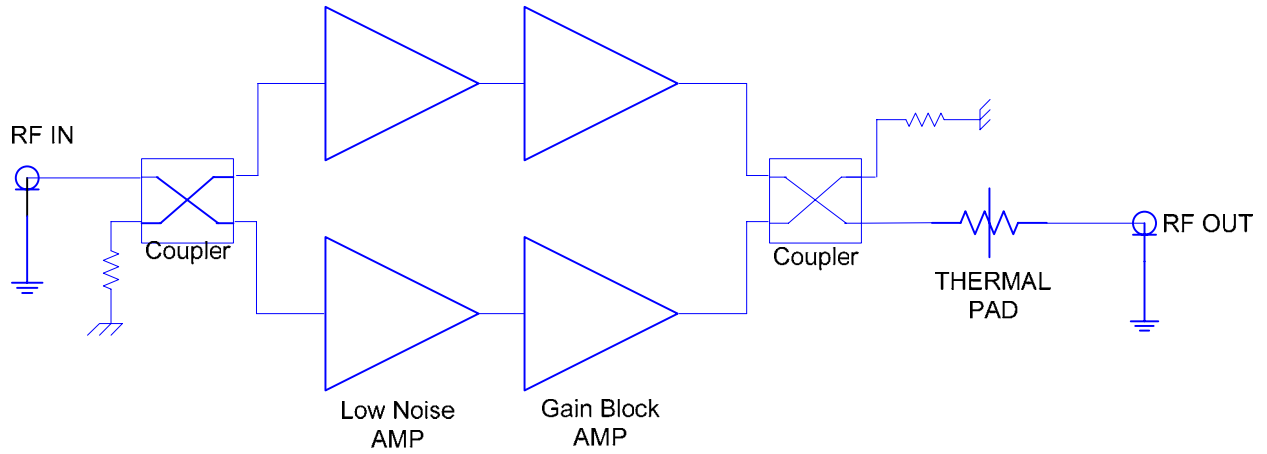


Part No.	RFL-0930B
Customer	
Quantity	

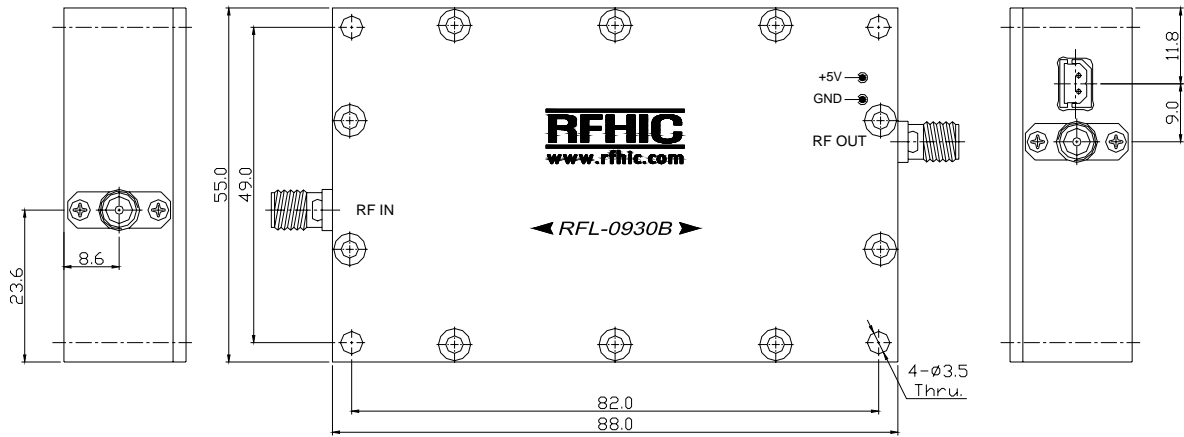
### Electrical Specification (at 25 °C)

No	Parameter	Unit	Specification		
			Min.	Typ.	Max.
1	Frequency Range	MHz	890		960
2	Gain	dB		30±0.5	
3	Flatness(p-p)	dB			1.0
4	Gain Variation	dB			±1.0
5	Bandwidth	MHz		25	
6	Noise Figure	dB			0.7
7	Input VSWR				1.3 : 1
8	Output VSWR				1.3 : 1
9	OIP3@10dBm/tone	dBm	35		
10	DC Current	mA			400
11	Supply Voltage	Vdc		5	
12	Operating Temp.	°C	-30 ~ +60		
13	DC & Alarm Pin (Molex 5267 2Pin)	Pin1	GND		
		Pin2	Vcc(+5Vdc)		

# 1. BLOCK DIAGRAM



# 2. DIMENSION



### 3. TEST DATA

Characteristic	Specification	1 (0001)				
Gain (890~960MHz)	30dB $\pm$ 0.5dB	29.8				
Gain Flatness (890~960MHz)	1.0dB(p-p)	0.5				
S11 (890~960MHz)	-17.7dB (1.3:1)	-21.6				
S22 (890~960MHz)	-17.7dB (1.3:1)	-31.2				
Noise Figure	0.7dB(Max.)	0.65				
OIP3 @10dBm/tone	35dBm	36.2				
Current	400mA(Max.)	320				