

# NLC00412

## 13-14 GHZ 17 DB GAIN LOW NOISE AMPLIFIER

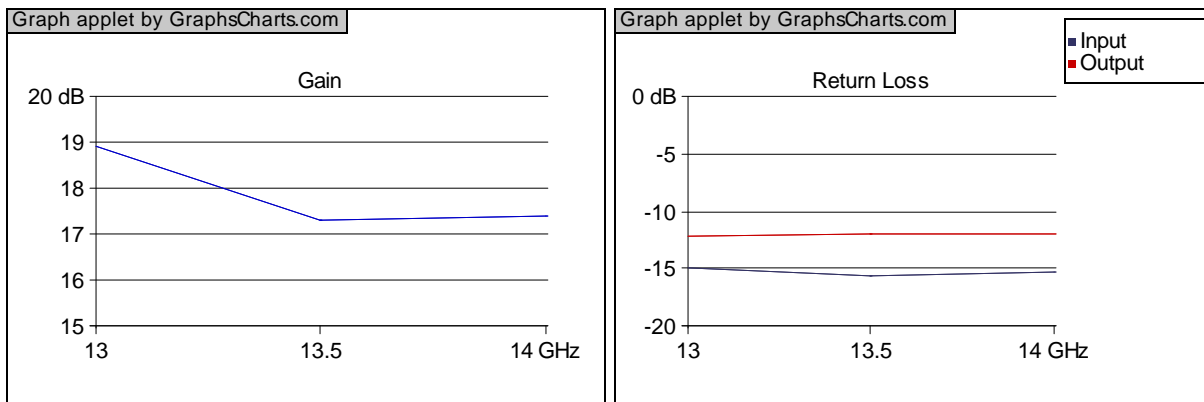
**Features:**

- Thin Film Hybrid MIC Process
- Field Replaceable RF Connectors
- Reverse Bias Protection

**Electrical Performance**

Parameter	Min.	Typ.	Max.	Unit	Note
Frequency	13		14	GHz	
Gain	16	17		dB	
Gain Flatness			1.0	dB(+/-)	
Noise Figure		2.5	3.0	dB	
Power @ 1dB Gain Compression Point	12	13		dBm	
VSWR Input			2.0		
VSWR Output			2.0		
DC Supply Voltage	10	15	17	V	
Supplied Current		50	80	mA	

**Typical Test Data**



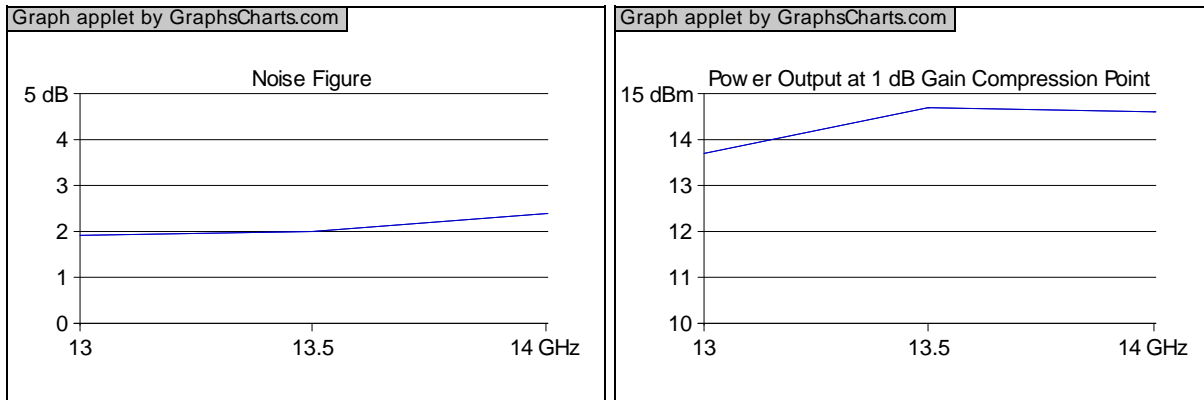
Updated: 9/6/2012



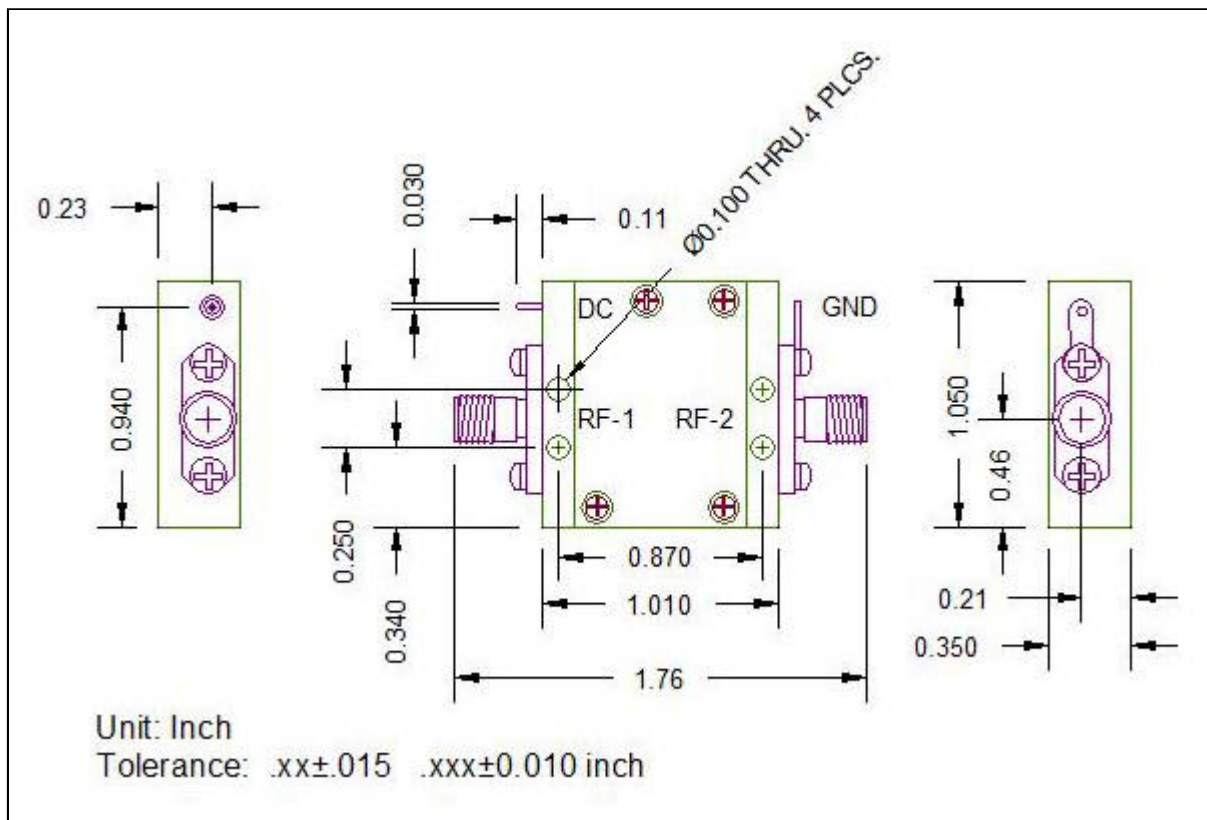
Nextec Microwave & RF, Inc. [WWW.NEXTEC-RF.COM](http://WWW.NEXTEC-RF.COM)  
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### Outline Drawing



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