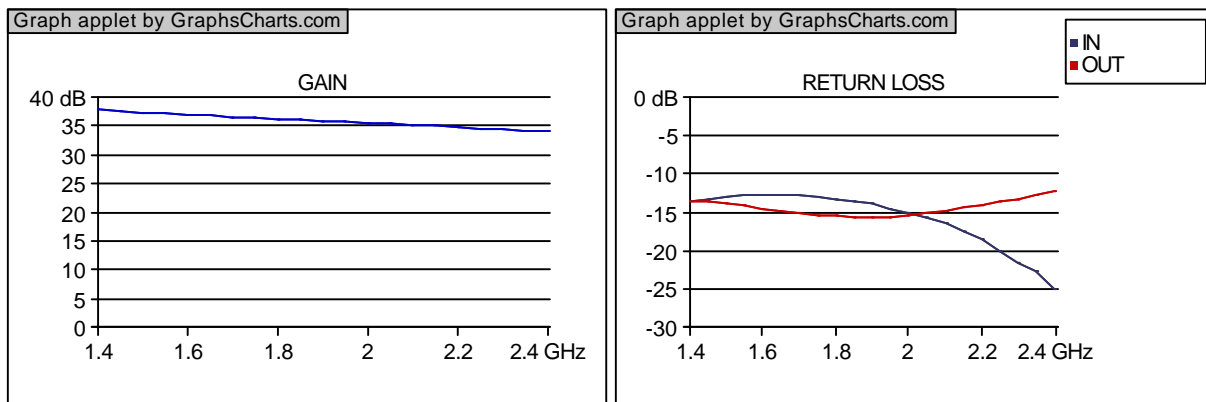


**1.4-2.5 GHz Gain 30 dB Low Noise Amplifier****Features:**

- Reverse Bias Protection.

**Electrical Performance**

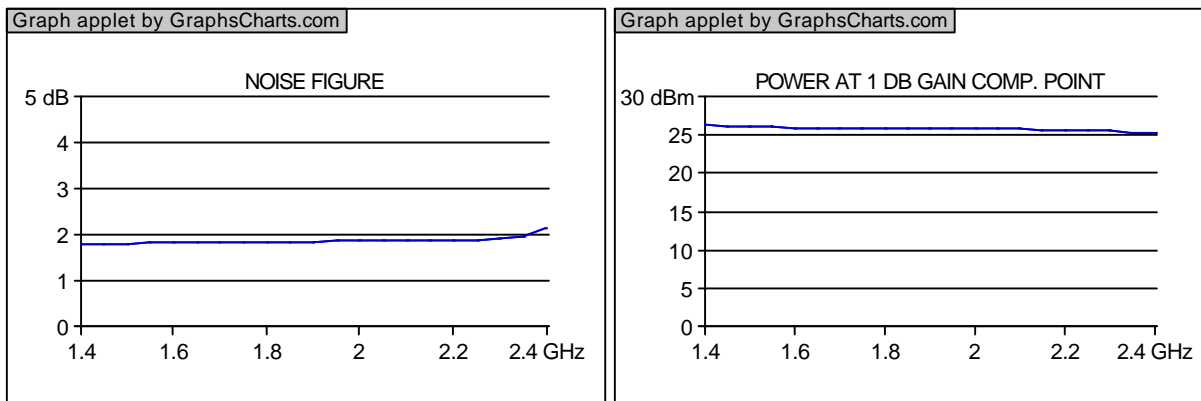
Parameter	Min.	Typ.	Max.	Unit	Note
Frequency	1.4		2.4	GHz	
Gain	30	33		dB	
Gain Flatness			2.0	dB(+/-)	
Power @ 1dB Gain Compression Point	20	25		dBm	
Noise Figure			3.0	dB	
VSWR Input			2.0		
VSWR Output			2.0		
DC Supply Voltage	11.5	12	15.0	V	
Supplied Current			370	mA	

**Typical Test Data**

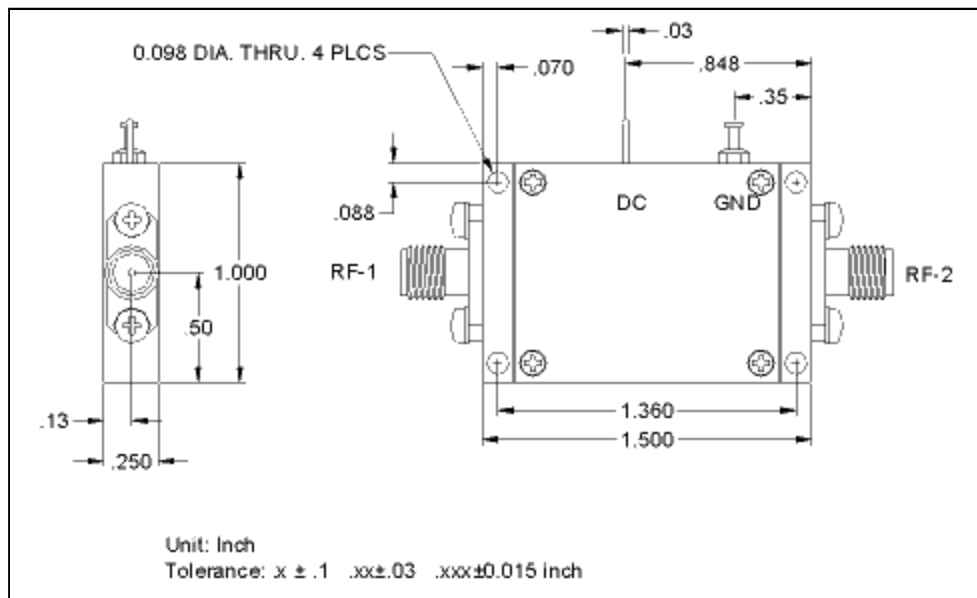
Updated: 12/30/2006

# NLC00553

## 1.4-2.5 GHz Gain 30 dB Low Noise Amplifier



### Outline Drawing



Connector	Type	Pin #	Pin Name	In/Out	Description
RF-1	SMA-F	1	IN	I	RF SIGNAL INPUT
RF-2	SMA-F	1	OUT	O	RF SIGNAL OUTPUT
DC	EMI Filter	1	+12 V	I	DC INPUT (+11.5 TO +15 V)
GND	GROUND LUG	1	GND	O	GROUND

Updated: 12/30/2006

**NLC00553**

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**1.4-2.5 GHz Gain 30 dB Low Noise Amplifier**

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Updated: 12/30/2006



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