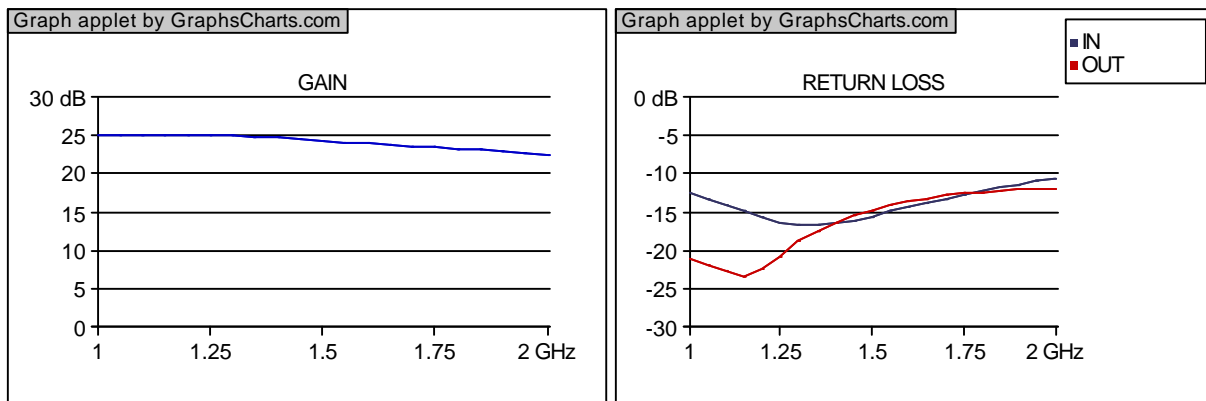


1-2 GHz 20 dB Gain Low Noise Amplifier**Electrical Performance**

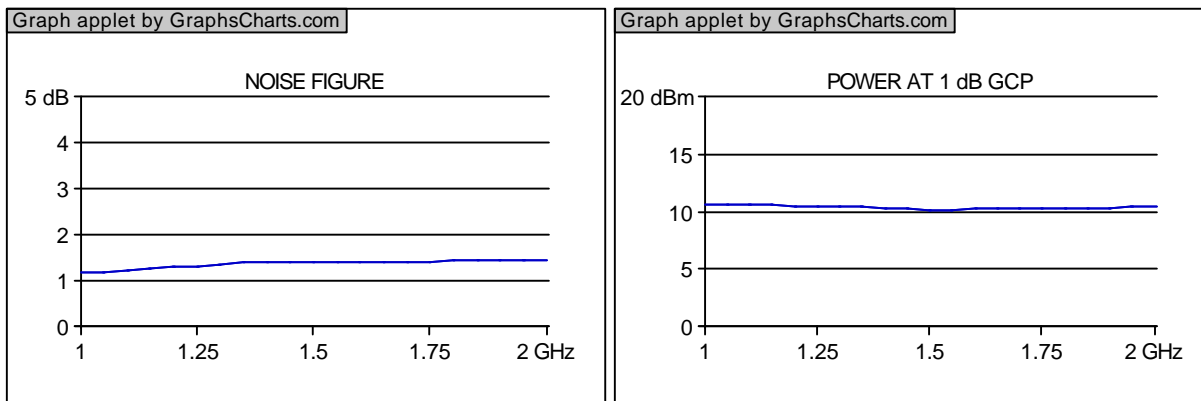
Parameter	Min.	Typ.	Max.	Unit	Note
Frequency	1		2	GHz	
Gain	20			dB	
Gain Flatness			1.5	dB(+/-)	
Power @ 1dB Gain Compression Point	10			dBm	
Noise Figure			1.8	dB	
VSWR Input			2		
VSWR Output			2		
DC Supply Voltage	12		15	V	
Supplied Current			130	mA	

Typical Test Data

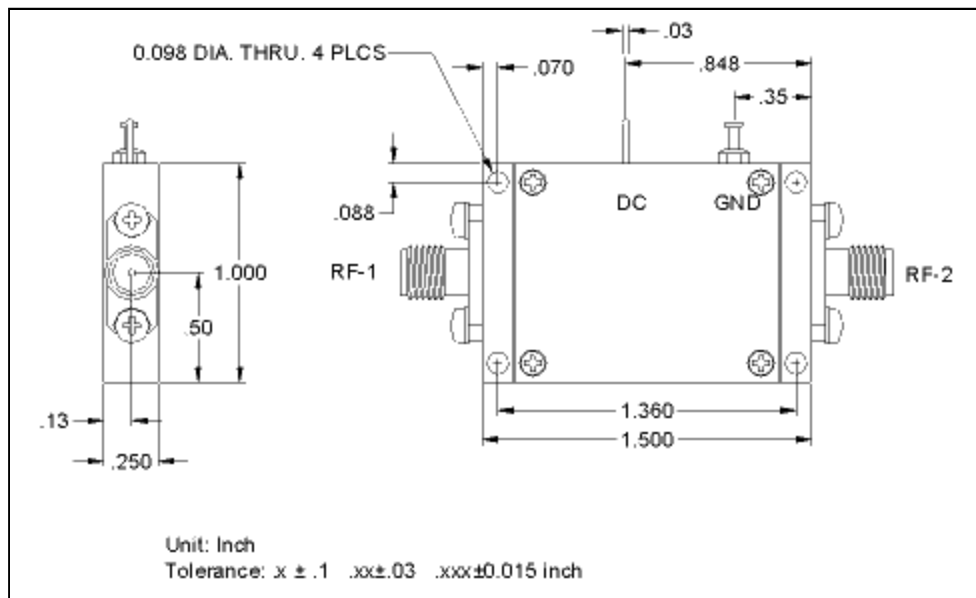
Updated: 12/14/2006

NBL00551

1-2 GHz 20 dB Gain 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
GND	GROUND LUG	1	GND	O	GROUND

Updated: 12/14/2006

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1-2 GHz 20 dB Gain Low Noise Amplifier

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