

NBL00569

1-6 GHZ BROADBAND LOW NOISE AMPLIFIER

Features:

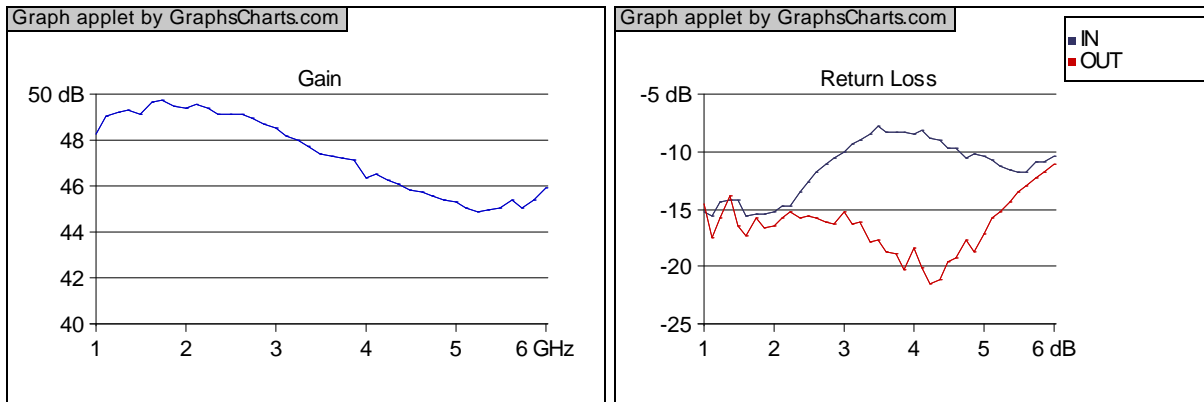
- Hybrid Thin Film MIC Process
- Reverse Bias Protection
- Field Replaceable SMA Connectors

Electrical Performance

Parameter	Min.	Typ.	Max.	Unit	Note
Frequency	1		6	GHz	
Gain	40			dB	
Gain Flatness			3	dB(+/-)	
Noise Figure			2	dB	
Power @ 1dB Gain Compression Point	15			dBm	
VSWR Input			2.5		
VSWR Output			2		
DC Supply Voltage		12		V	
Supplied Current			250	mA	

- Measured at 25 degC ambient.

Typical Test Data



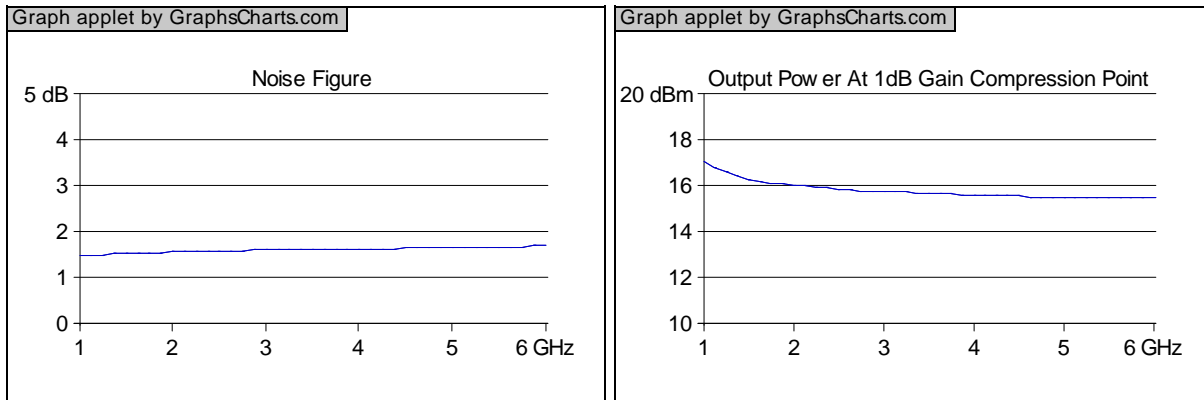
Updated: 9/6/2012



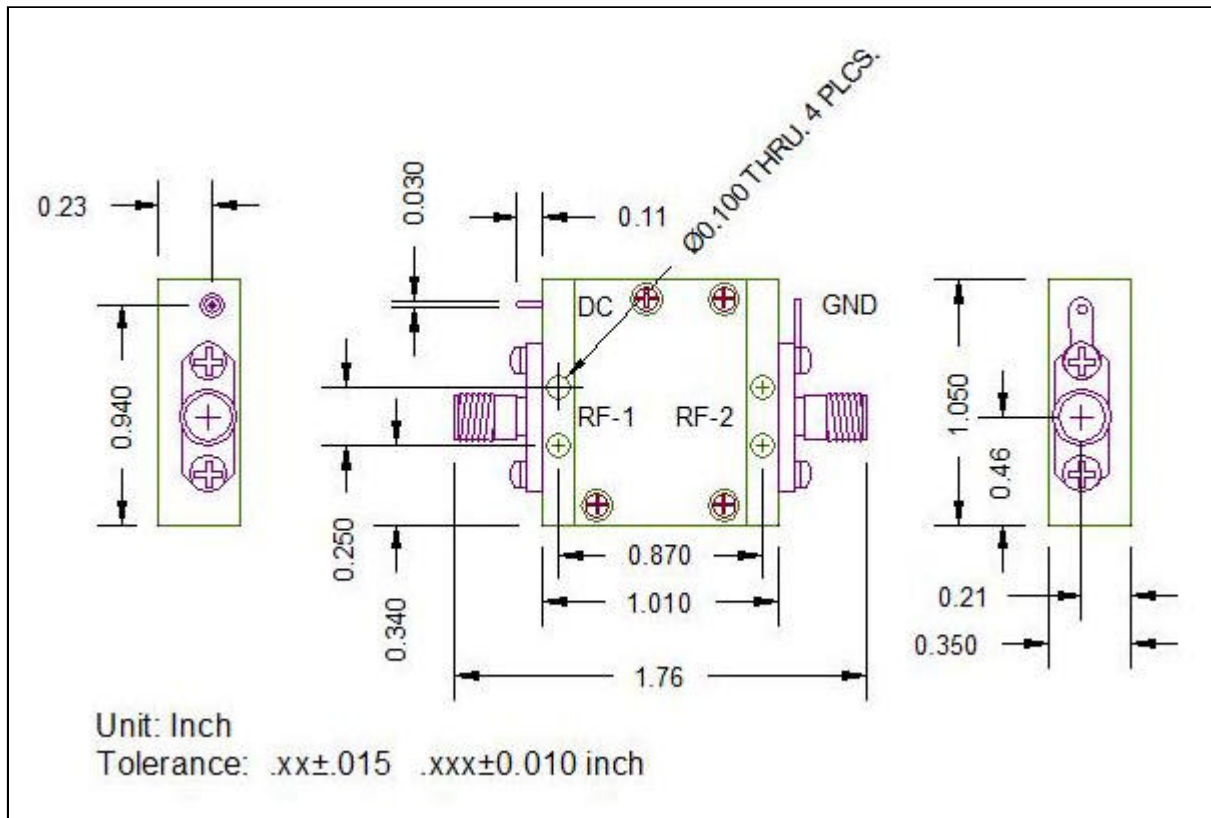
Nextec Microwave & RF, Inc. WWW.NEXTEC-RF.COM
 3010 Scott Blvd., Santa Clara, California 95054
 (408) 727-1189(Ph)/ (408) 727-5915(Fax)/ sales@nextec-rf.com

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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 (+12 V TO +18 V)

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GND GROUND LUG 1 GND O GROUND

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