

## 3.4-4.2GHz Low Noise Amplifier

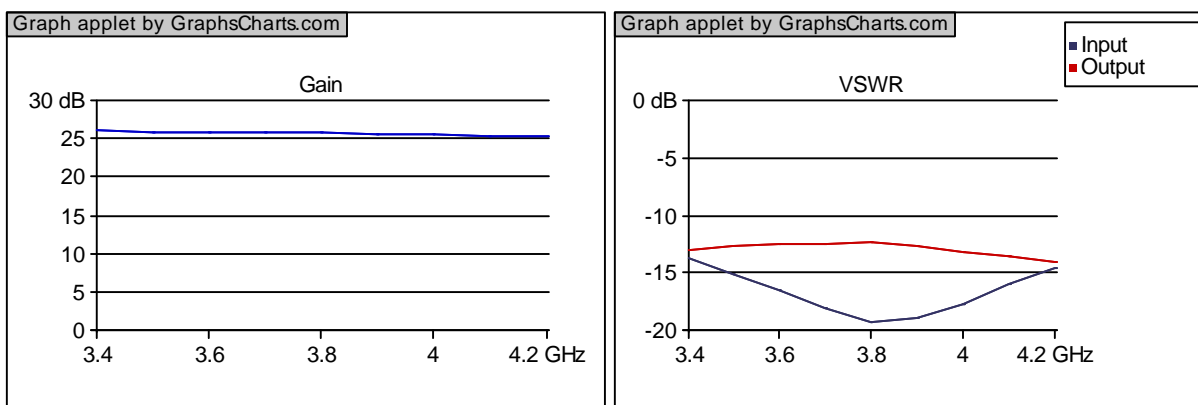
### Features:

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

### Electrical Performance

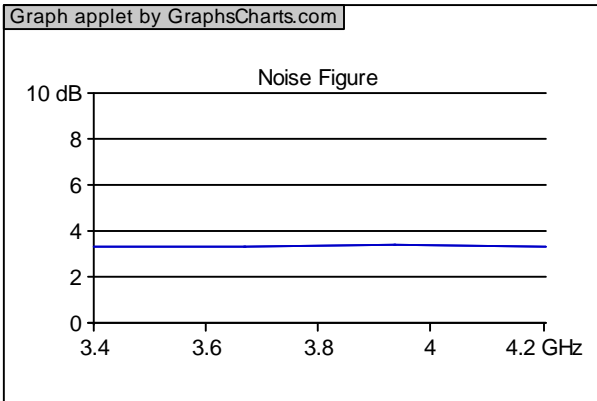
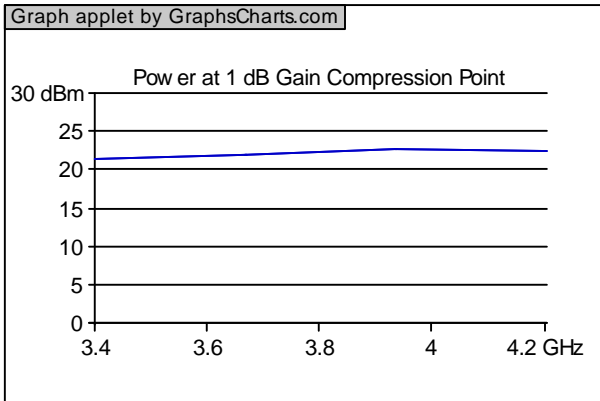
Parameter	Min.	Typ.	Max.	Unit	Note
Frequency	3.4		4.2	GHz	
Gain	25			dB	
Gain Flatness			0.5	dB(+/-)	
Power @ 1dB Gain Compression Point	20			dBm	
Output 3rd Order Intercept Point	27	30		dBm	
VSWR Input			1.5		
VSWR Output			1.5		
Noise Figure			3.5	dB	
DC Supply Voltage	10	12	17	V	
Supplied Current			200	mA	

### Typical Test Data

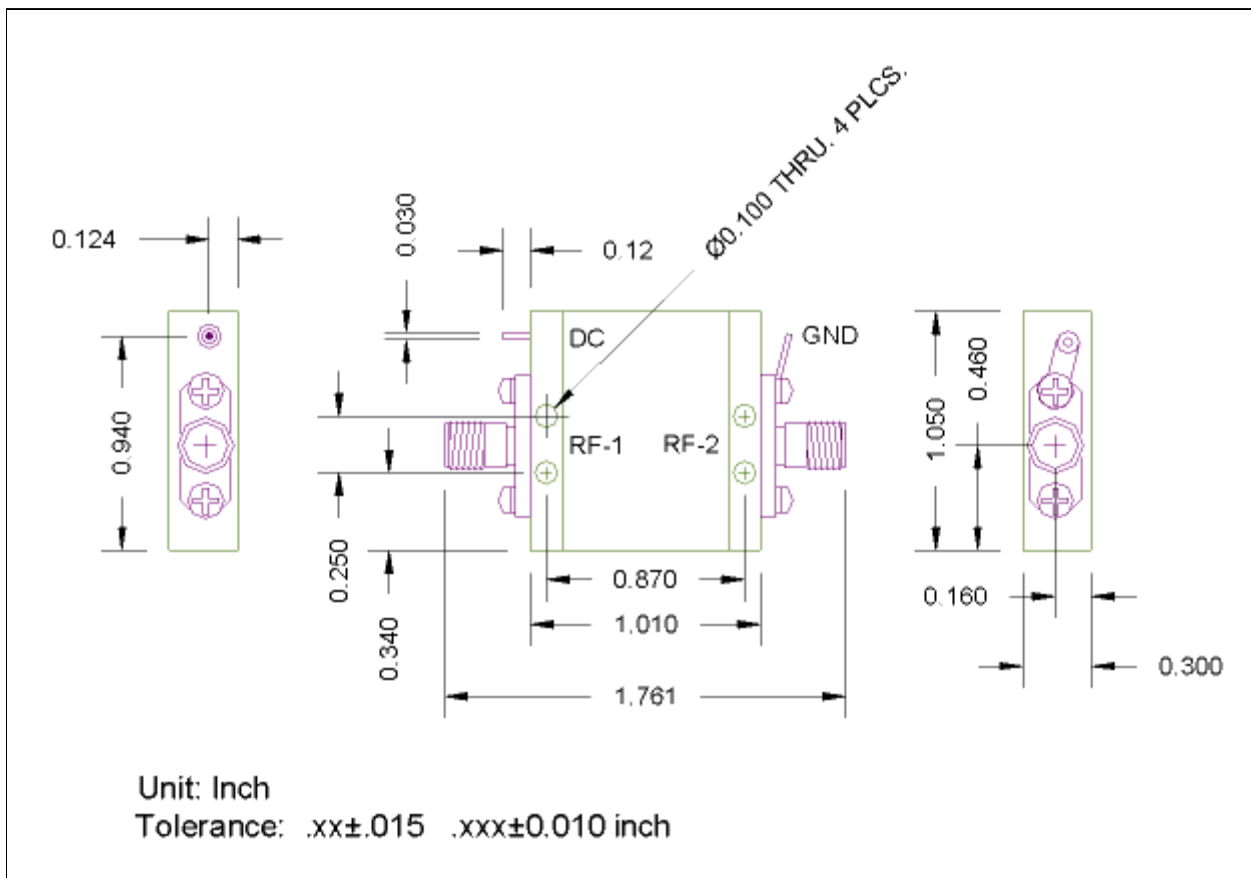


Updated: 12/2/2007

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Outline Drawing



Connector	Type	Pin #	Pin Name	In/Out	Description
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## 3.4-4.2GHz Low Noise Amplifier

RF-1	SMA-F	1 IN	I	RF Input Signal
RF-2	SMA-F	1 OUT	O	RF Output Signal
DC	EMI Filter	1 +12 V	I	DC Input (10-17 V)
GND	GROUND LUG	1 GND	O	Ground

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