

3.4-4.2 GHz 25 dB Gain Low Noise Amplifier

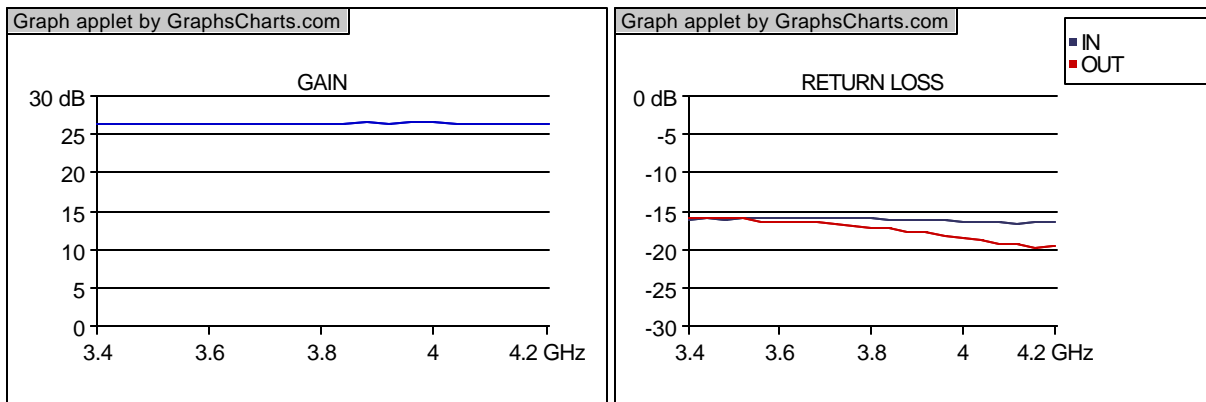
Features:

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

Electrical Performance

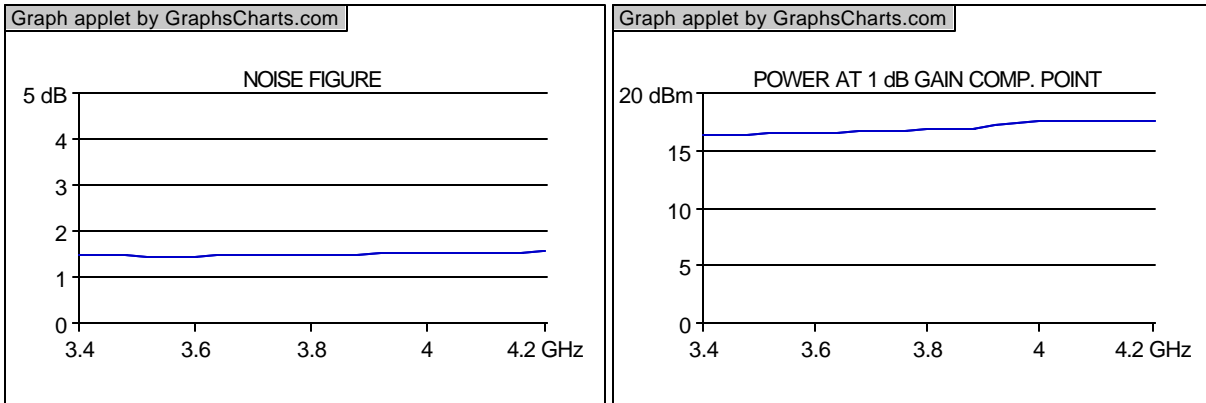
Parameter	Min.	Typ.	Max.	Unit	Note
Frequency	3.4		4.2	GHz	
Gain	25			dB	
Gain Flatness			0.5	dB(+/-)	
Power @ 1dB Gain Compression Point	15			dBm	
Noise Figure			1.7	dB	
VSWR Input			1.5		
VSWR Output			1.5		
DC Supply Voltage	9		15	V	
Supplied Current			120	mA	

Typical Test Data

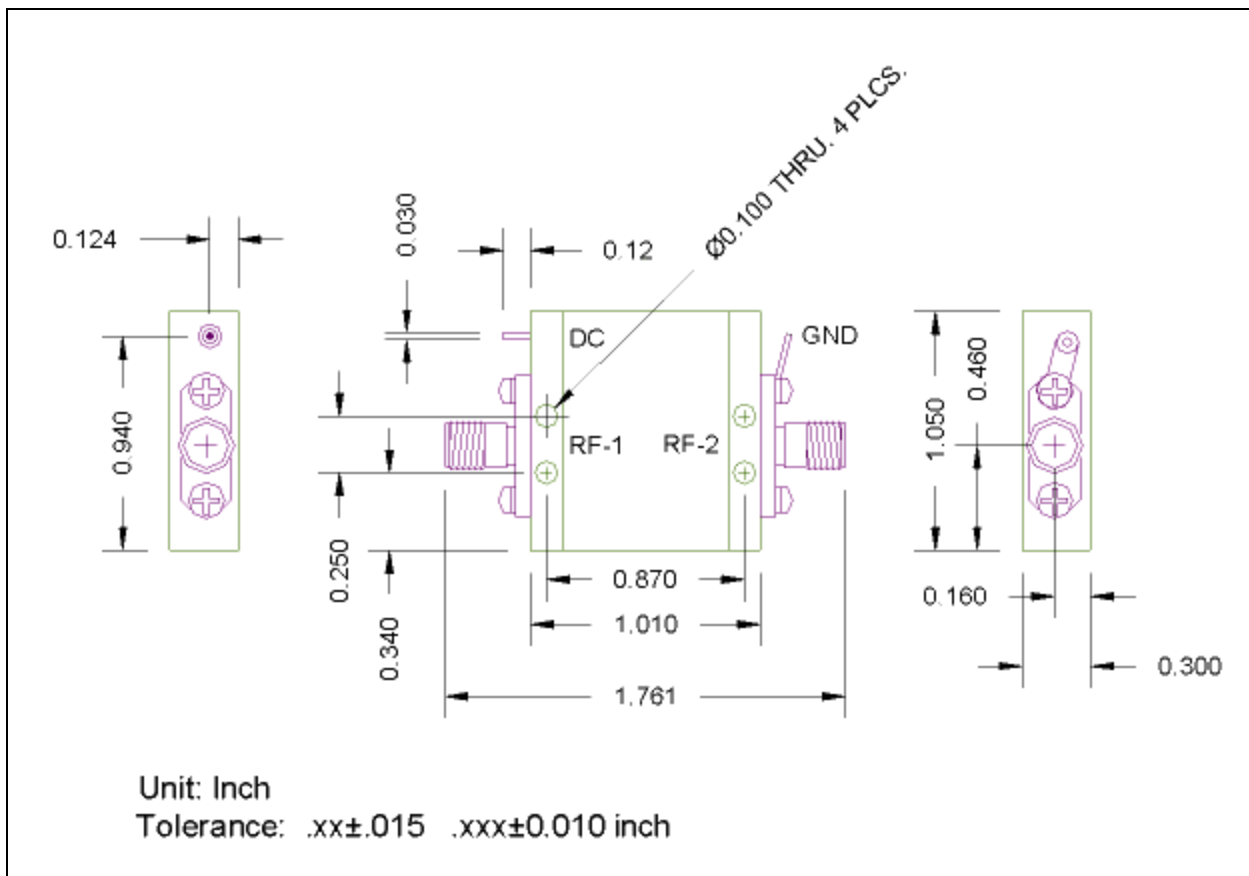


Updated: 10/25/2007

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Outline Drawing



Connector	Type	Pin #	Pin Name	In/Out	Description
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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 (+9 TO +15 V)
GND	GROUND LUG	1 GND	O	GROUND

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