

## 8-13 GHz Broadband Low Noise Amplifier

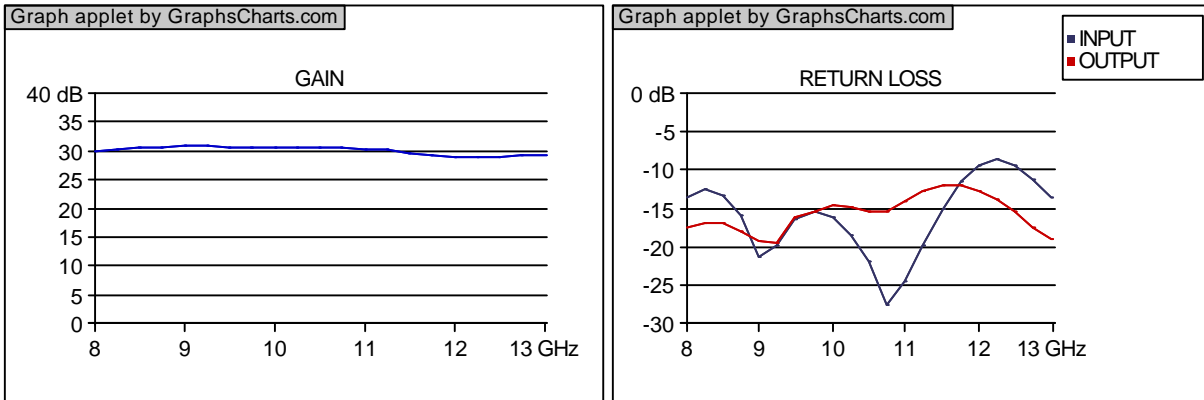
**Features:**

- Thin Film Hybrid MIC Process
- Field Replaceable RF Connectors

**Electrical Performance**

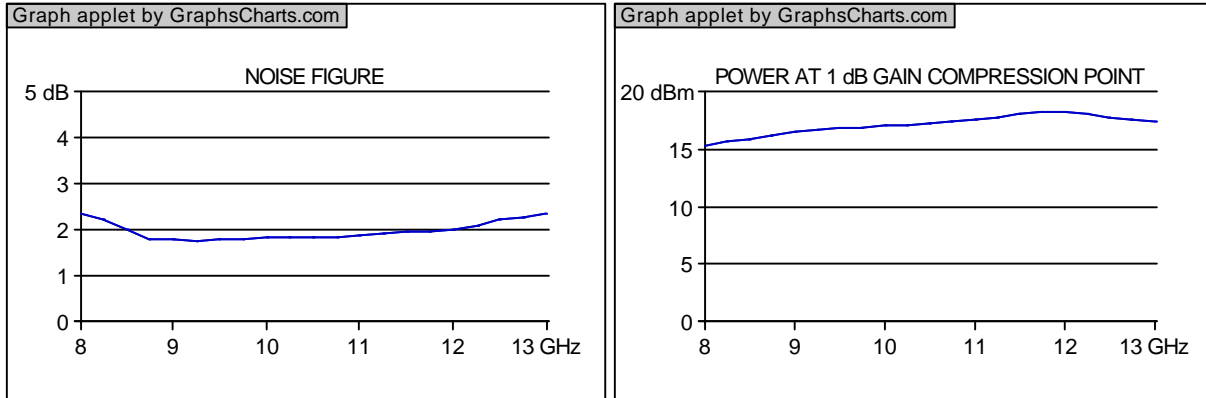
Parameter	Min.	Typ.	Max.	Unit	Note
Frequency	8		13	GHz	
Gain	28			dB	
Gain Flatness			1.5	dB(+/-)	
Noise Figure			2.5	dB	
Power @ 1dB Gain Compression Point	13			dBm	
VSWR Input			2.2		
VSWR Output			2.2		
DC Supply Voltage	11		18	V	
Supplied Current			130	mA	

**Typical Test Data**

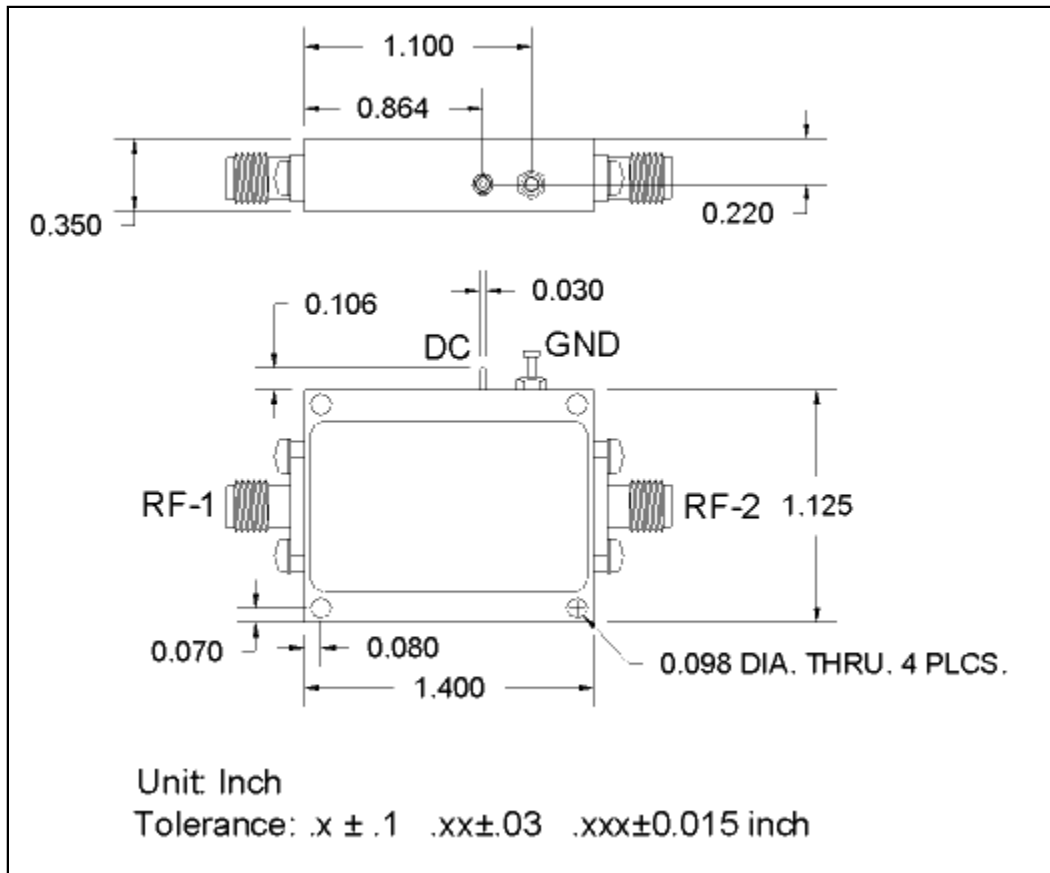


Updated: 6/9/2006

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### Outline Drawing



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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 V TO +18 V)
GND	GROUND LUG	1	GND	O	GROUND

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