

## 15-17 GHz 18 dB Gain Low Noise Amplifier

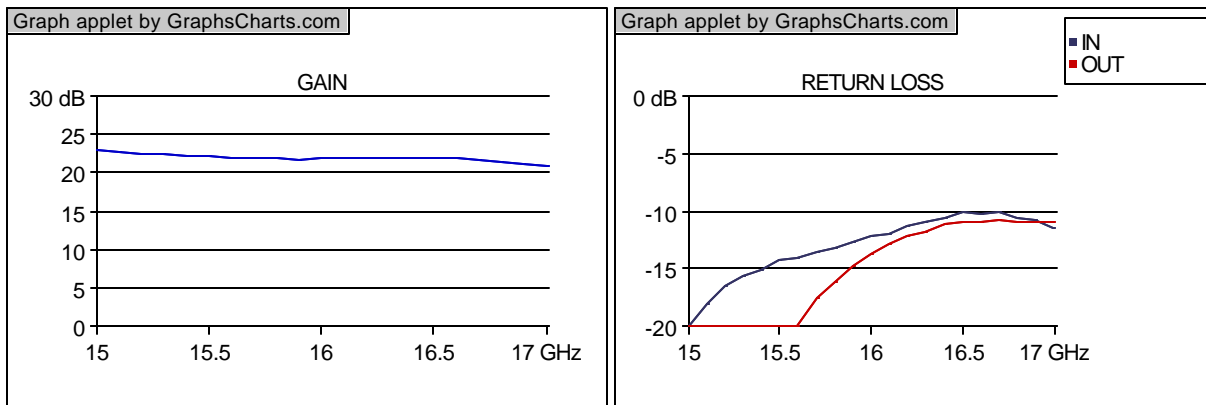
### Features:

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

### Electrical Performance

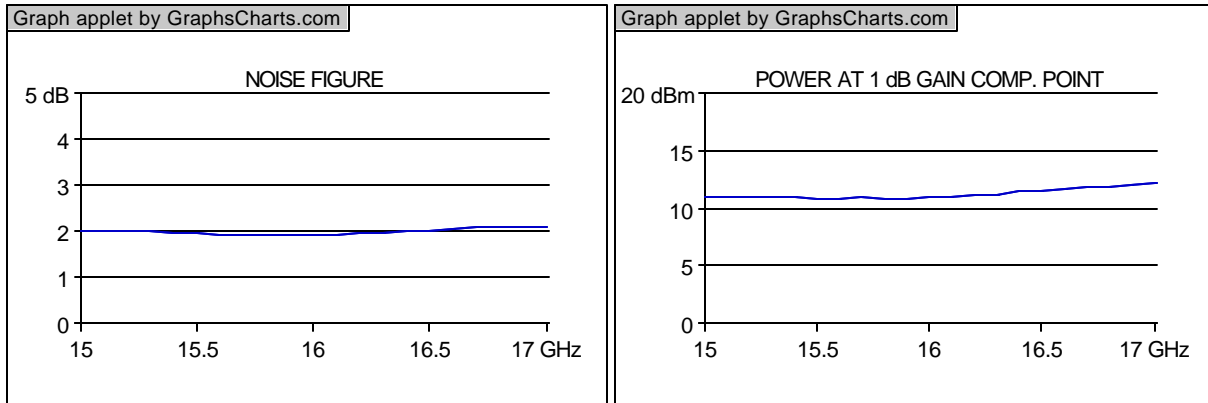
Parameter	Min.	Typ.	Max.	Unit	Note
Frequency	15		17	GHz	
Gain	18			dB	
Gain Flatness			1.5	dB(+/-)	
Noise Figure			2.2	dB	
Power @ 1dB Gain Compression Point	10			dBm	
Output 3rd Order Intercept Point		20		dBm	
VSWR Input			2.0		
VSWR Output			2.0		
DC Supply Voltage	9	12	15	V	
Supplied Current			90	mA	

### Typical Test Data

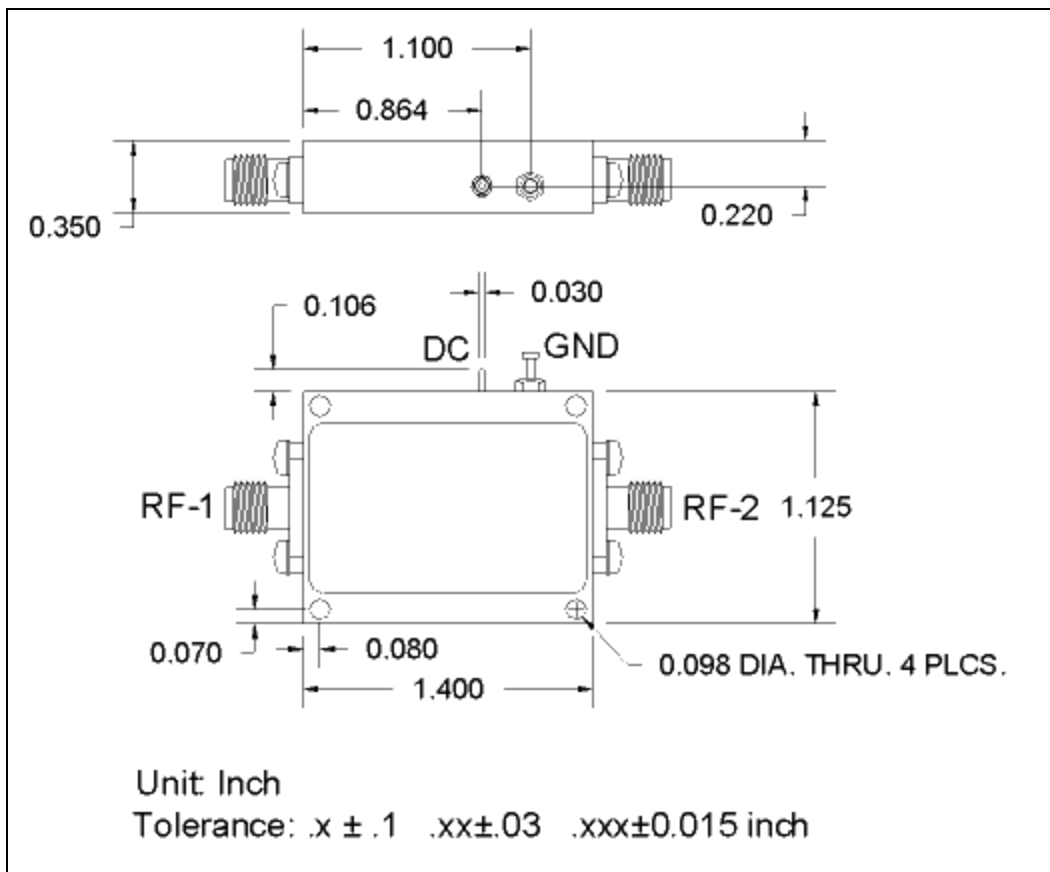


Updated: 10/25/2007

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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 V TO +15 V)
GND	GROUND LUG	1 GND	O	GROUND

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