

12-18 GHZ LOW NOISE AMPLIFIER

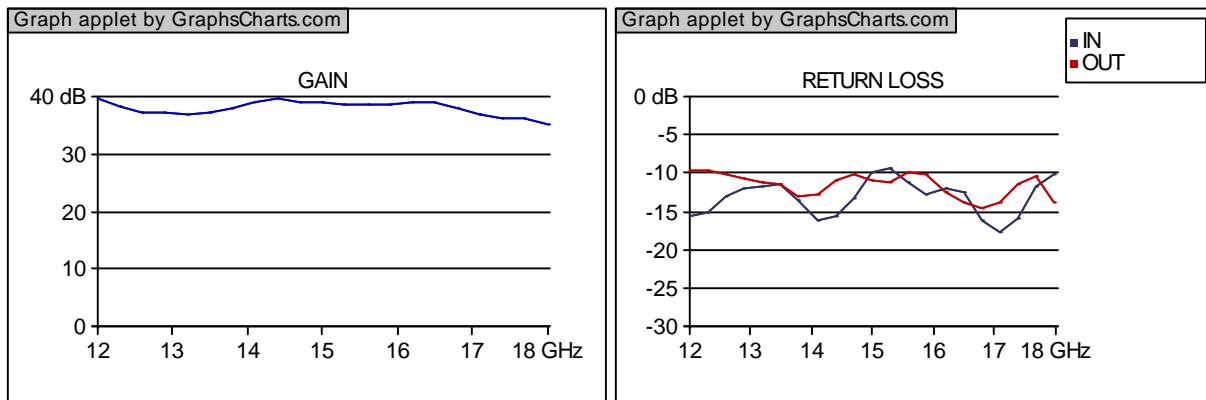
Features:

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

Electrical Performance

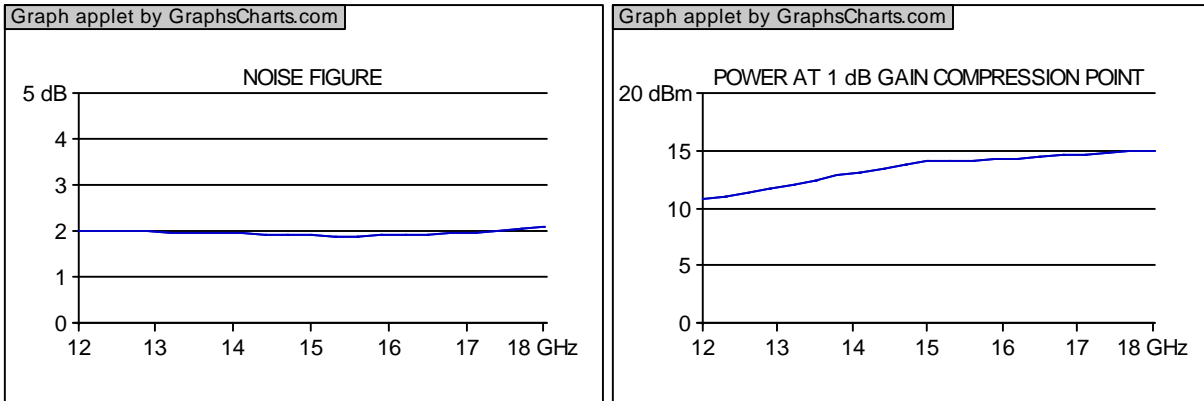
Parameter	Min.	Typ.	Max.	Unit	Note
Frequency	12		18	GHz	
Gain	30			dB	
Gain Flatness			3	dB(+/-)	
Noise Figure			2.2	dB	
Power @ 1dB Gain Compression Point	10			dBm	
VSWR Input			2.0		
VSWR Output			2.0		
DC Supply Voltage	+8		+18	V	
Supplied Current			150	mA	

Typical Test Data

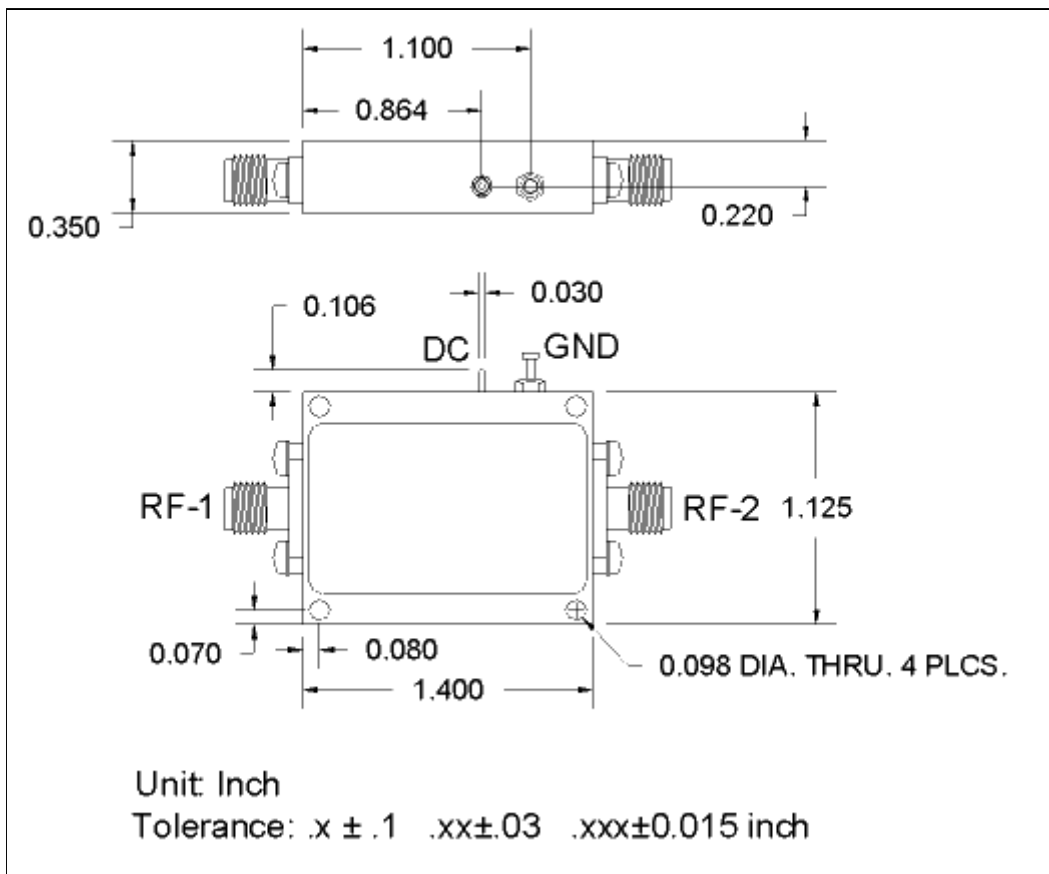


Updated: 12/2/2007

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Outline Drawing



Connector	Type	Pin #	Pin Name	In/Out	Description
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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 (+8 TO +18 V)
GND	GROUND LUG	1 GND	O	GROUND

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