

2-18 GHZ BROADBAND AMPLIFIER

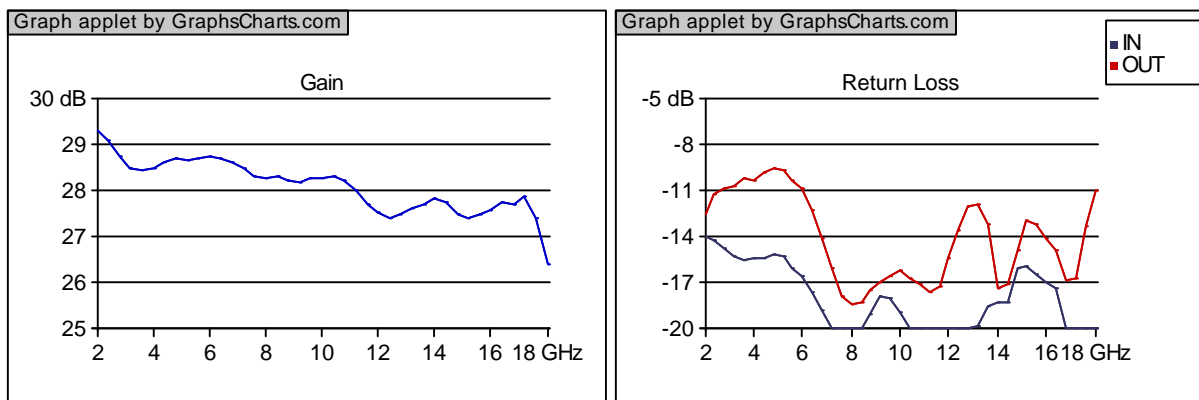
Features:

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

Electrical Performance

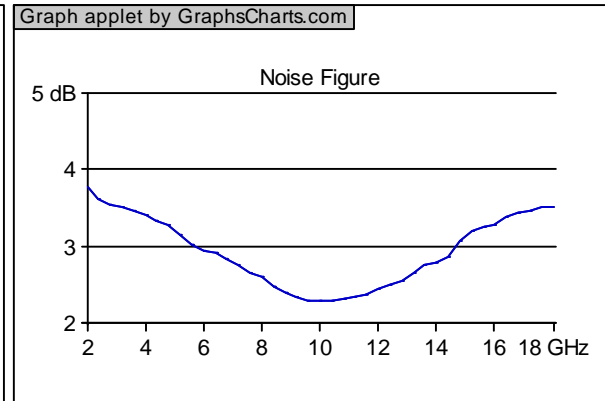
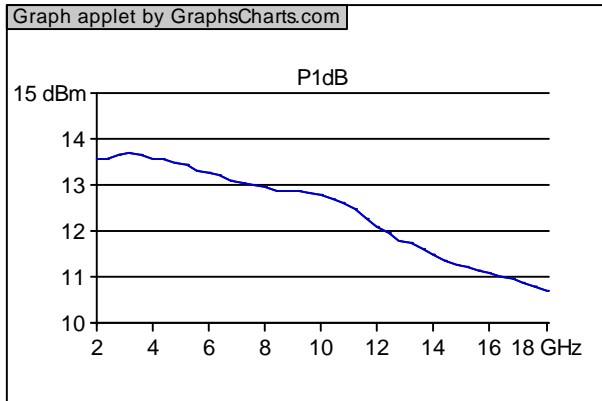
Parameter	Min.	Typ.	Max.	Unit	Note
Frequency	2		18	GHz	
Gain	25			dB	
Gain Flatness			2	dB(+/-)	
Power @ 1dB Gain Compression Point	10			dBm	
Noise Figure			4	dB	
VSWR Input			2.2		
VSWR Output			2.2		
Supplied Current			150	mA	
DC Supply Voltage	12		18	V	

Typical Test Data

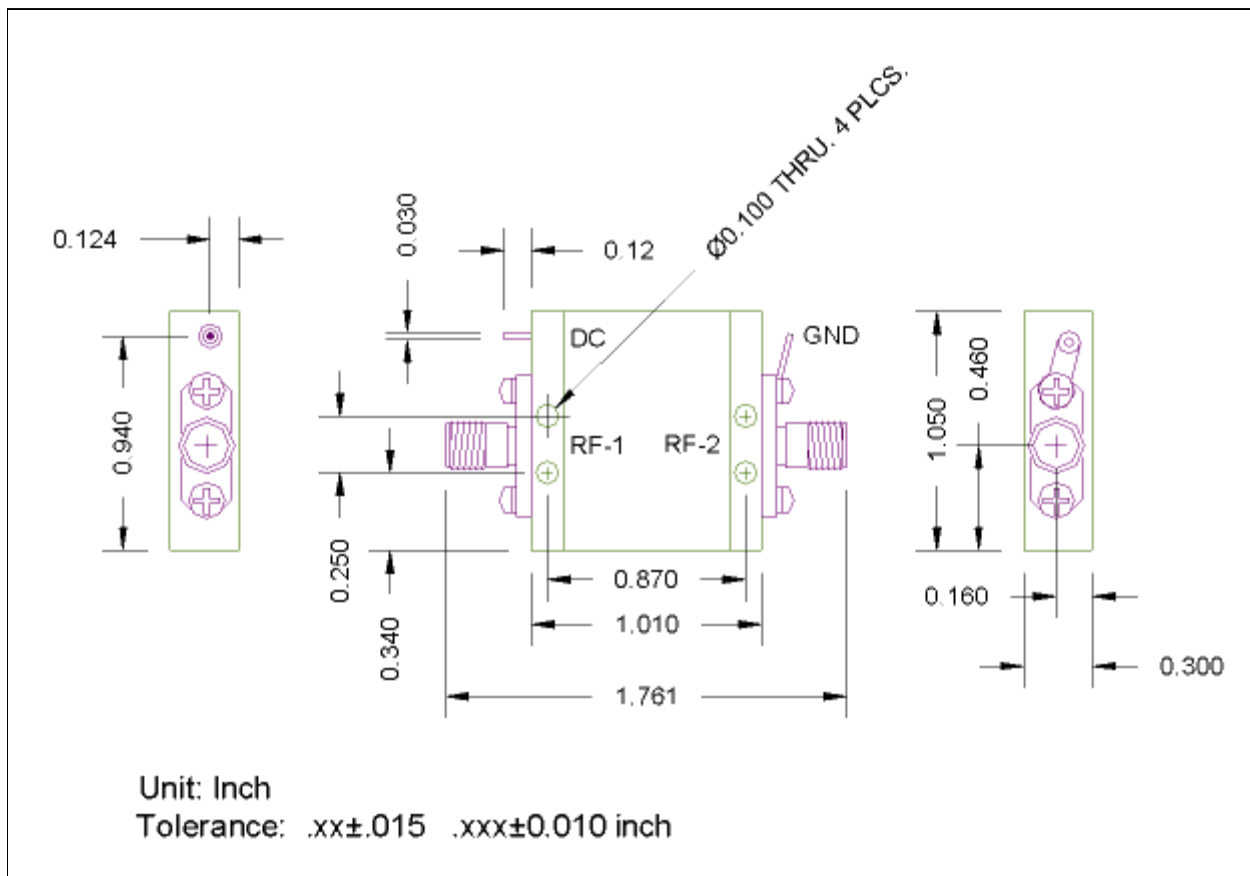


Updated: 11/5/2007

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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 (+12 V TO +18 V)
GND	GROUND LUG	1 GND	O	GROUND

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