

1-6 GHZ BROADBAND LOW NOISE AMPLIFIER

Features:

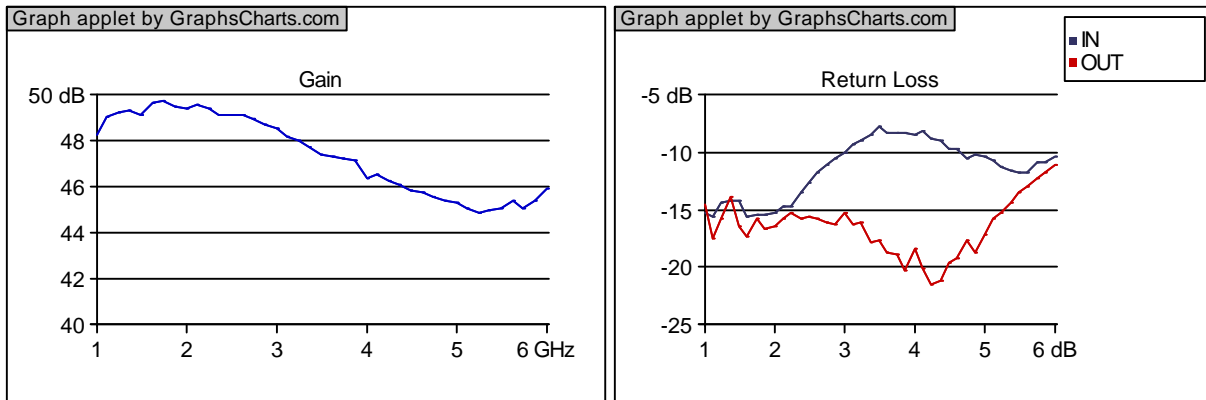
- Hybrid Thin Film MIC Process
- Reverse Bias Protection
- Field Replaceable SMA Connectors

Electrical Performance

Parameter	Min.	Typ.	Max.	Unit	Note
Frequency	1		6	GHz	
Gain	40			dB	
Gain Flatness			3	dB(+/-)	
Noise Figure			2	dB	
Power @ 1dB Gain Compression Point	15			dBm	
VSWR Input			2.5		
VSWR Output			2		
DC Supply Voltage		12		V	
Supplied Current			250	mA	

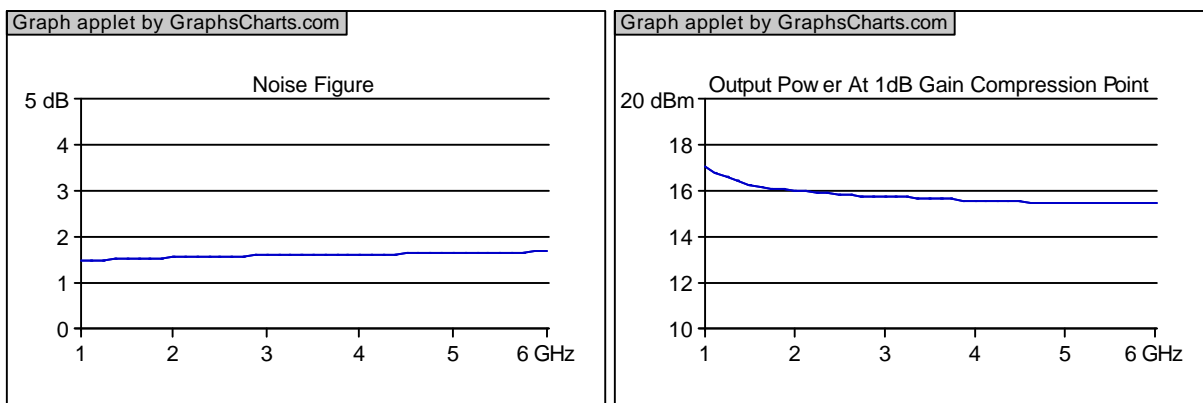
- Measured at 25 degC ambient.

Typical Test Data

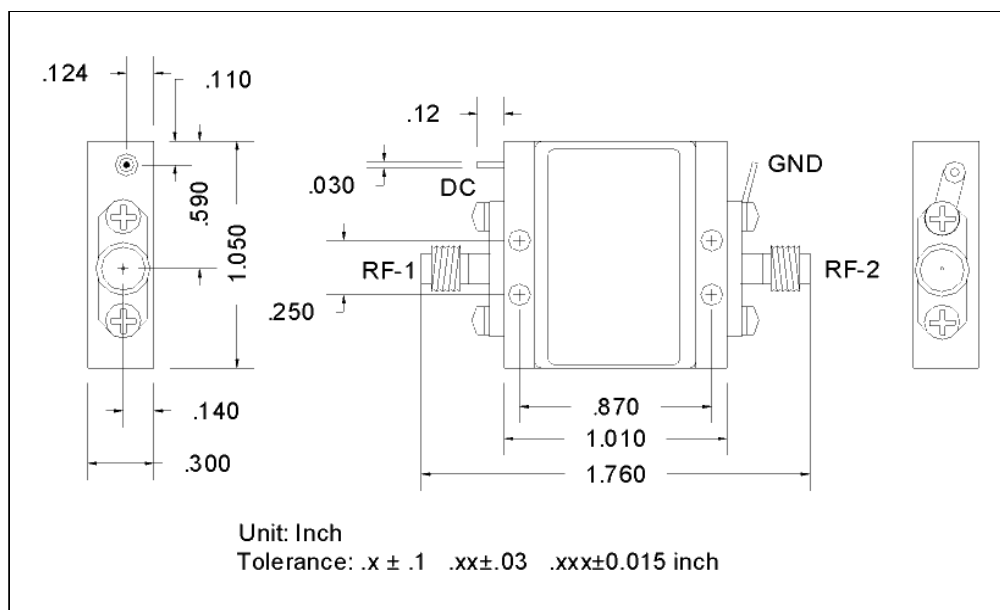


Updated: 8/27/2007

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Outline Drawing



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

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