

NB00588

0.3-5.0 GHZ BROADBAND AMPLIFIER

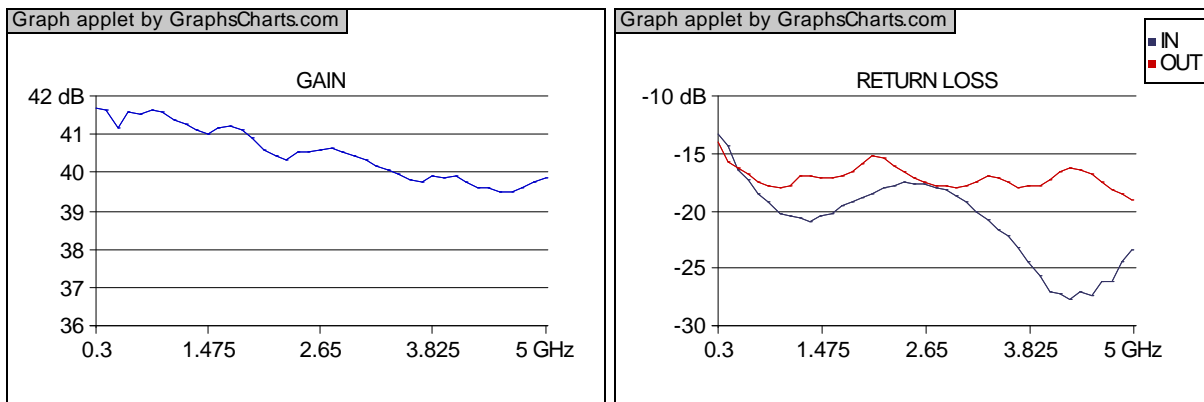
Features:

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

Electrical Performance

Parameter	Min.	Typ.	Max.	Unit	Note
Frequency	0.3		5.0	GHz	
Gain	38			dB	
Gain Flatness			1.5	dB(+/-)	
Power @ 1dB Gain Compression Point	27			dBm	
Noise Figure		4	5	dB	
Output 3rd Order Intercept Point		36		dBm	
VSWR Input			1.5		
VSWR Output			1.5		
DC Supply Voltage	15		17	V	
Supplied Current		550	600	mA	

Typical Test Data



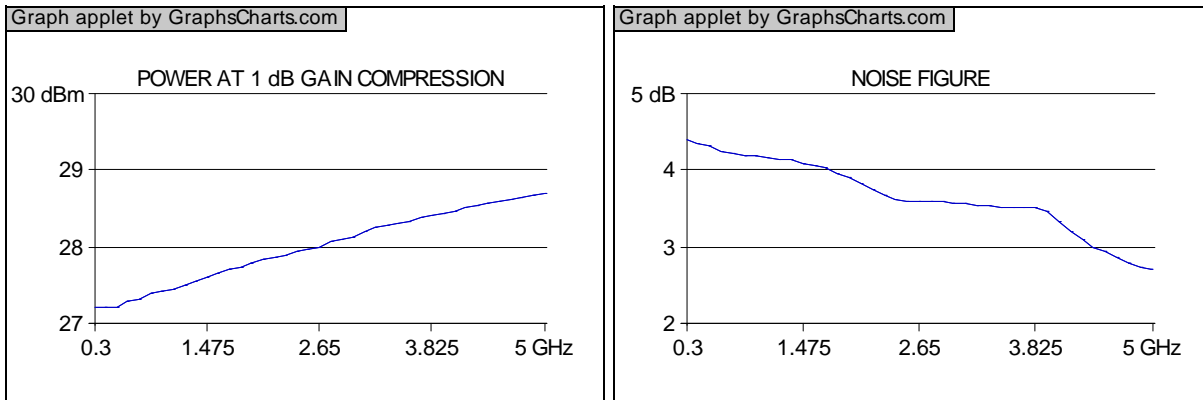
Updated: 6/13/2013



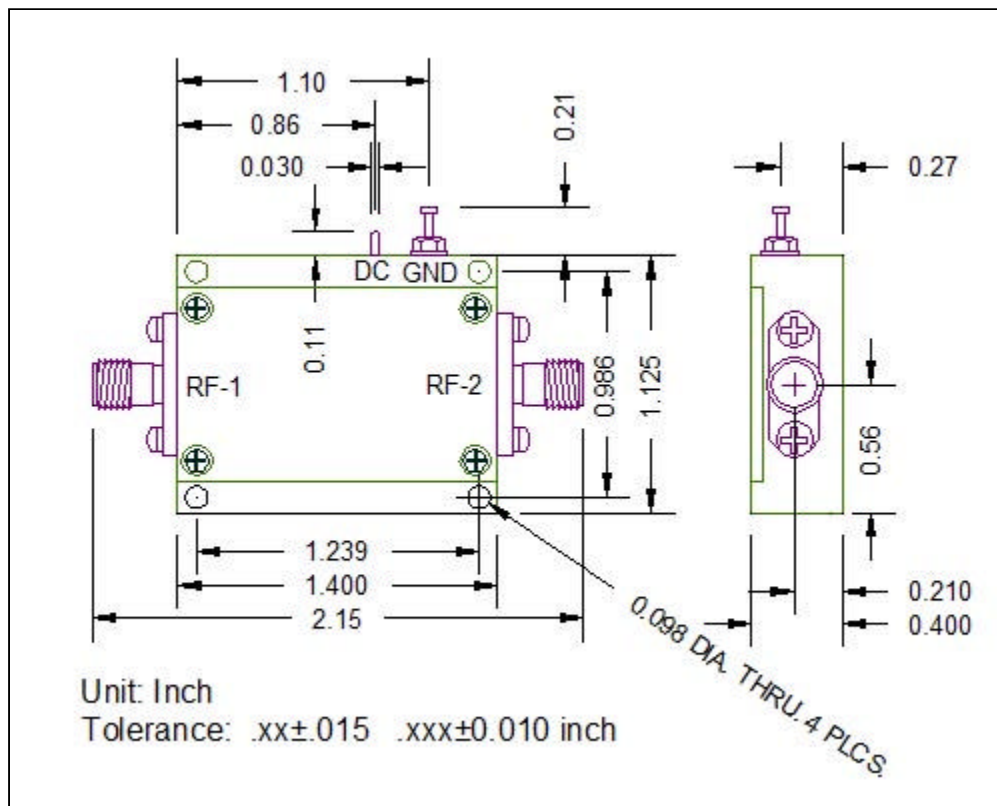
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Outline Drawing



Connector	Type	Pin #	Pin Name	In/Out	Description
RF-1	SMA-F	1	IN	O	RF SIGNAL INPUT
RF-2	SMA-F	1	OUT	O	RF SIGNAL OUTPUT
DC	EMI Filter	1	+15 V	O	DC SUPPLY (+15 V TO +17 V)

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GND GROUND LUG 1 GND O GROUND

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