

300 MHZ - 5 GHZ BROADBAND AMPLIFIER

Features:

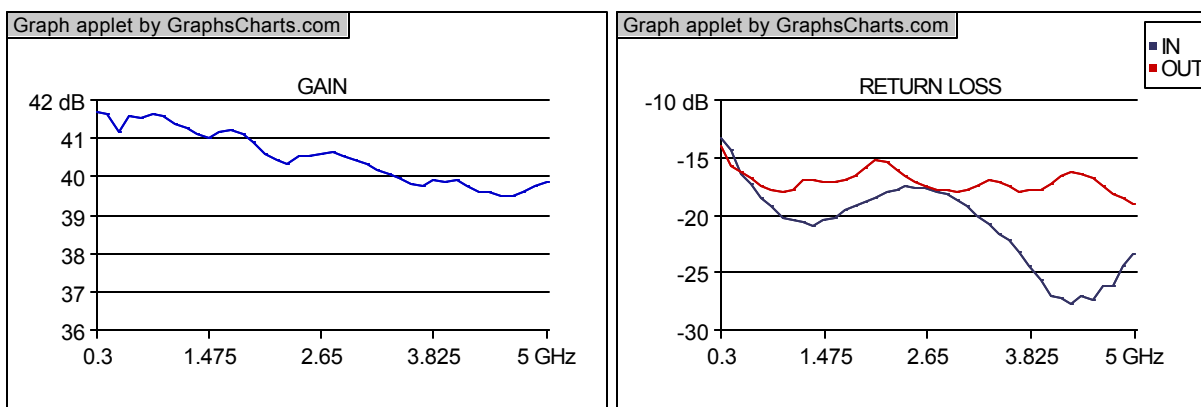
- Thin Film Hybrid MIC Process
- Reverse DC Bias Protection
- Field Replaceable SMA Connector

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			2	dB	1
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	

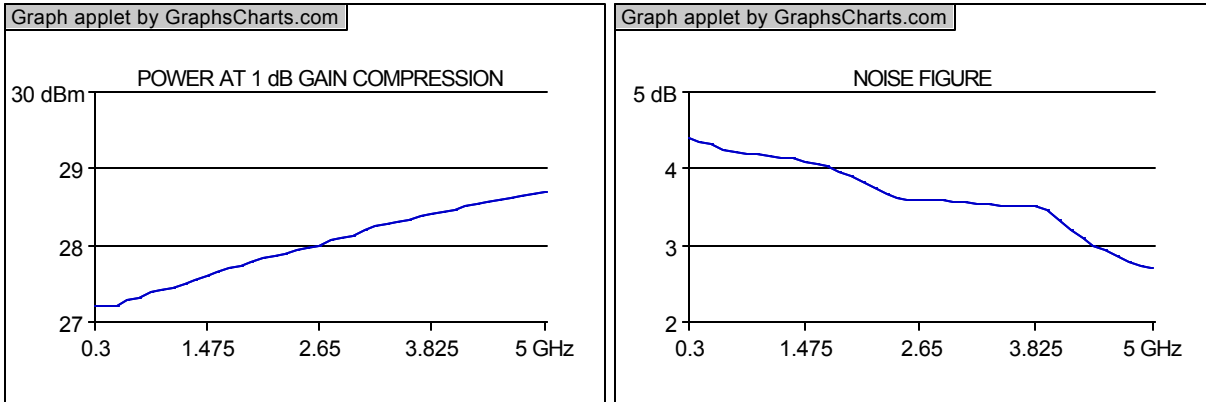
1. 300 MHZ - 2.5 GHZ: NF - 4.5 DB MAX.

Typical Test Data

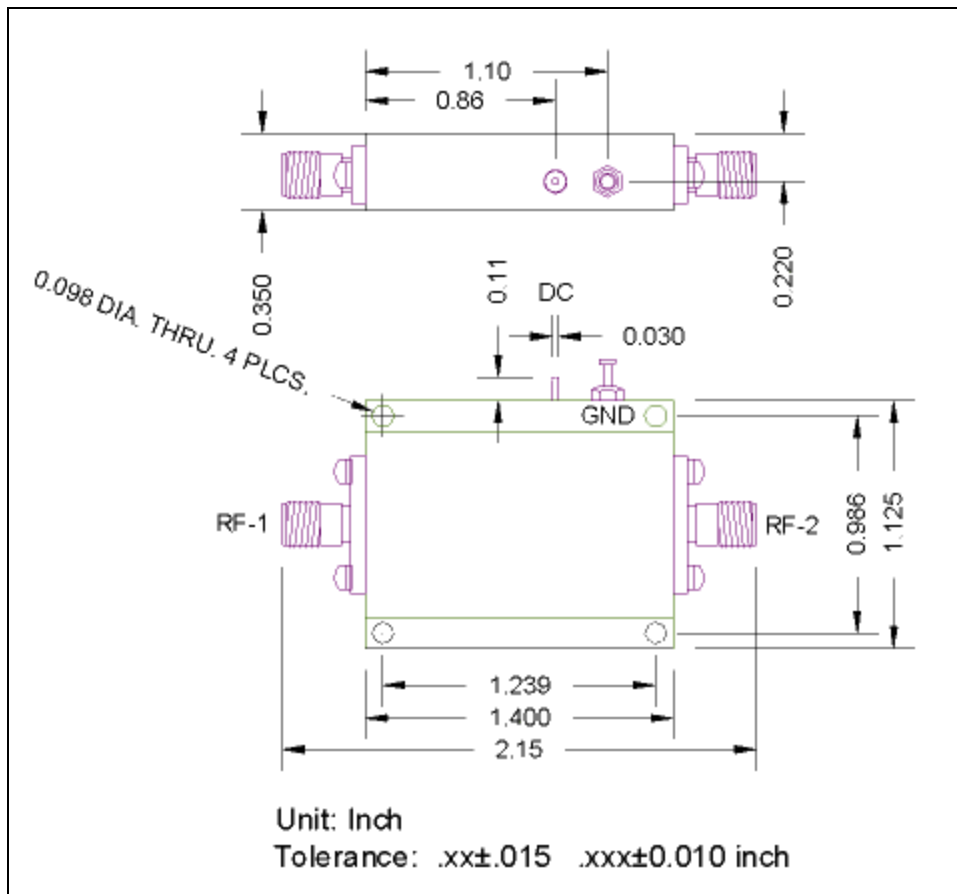


Updated: 12/5/2008

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Outline Drawing



Connector	Type	Pin #	Pin Name	In/Out	Description
RF-1	SMA-F	1	IN	O	RF SIGNAL INPUT

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RF-2	SMA-F	1	OUT	0	RF SIGNAL OUTPUT
DC	EMI Filter	1	+15 V	0	DC SUPPLY (+15 V TO +17 V)
GND	GROUND LUG	1	GND	0	GROUND

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