

NA00449

5.0-6.4 GHZ POWER AMPLIFIER

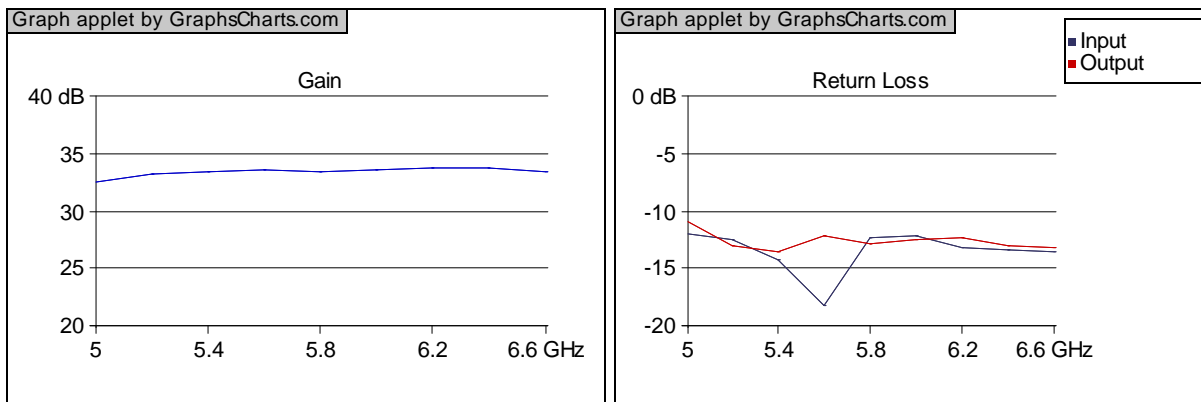
Features:

- Field Replaceable RF Connectors
- Thin Film MIC Process
- Reverse Bias Protection

Electrical Performance

Parameter	Min.	Typ.	Max.	Unit	Note
Frequency	5.0		6.4	GHz	
Gain	30			dB	
Gain Flatness			0.75	dB(+/-)	
Power @ 1dB Gain Compression Point	26			dBm	
Output 3rd Order Intercept Point		38		dBm	
Noise Figure			7	dB	
VSWR Input			2.0		
VSWR Output			2.0		
DC Supply Voltage	12		18	V	
Supplied Current			500	mA	

Typical Test Data



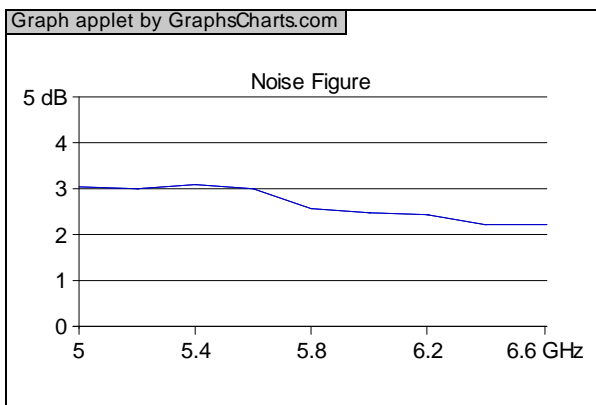
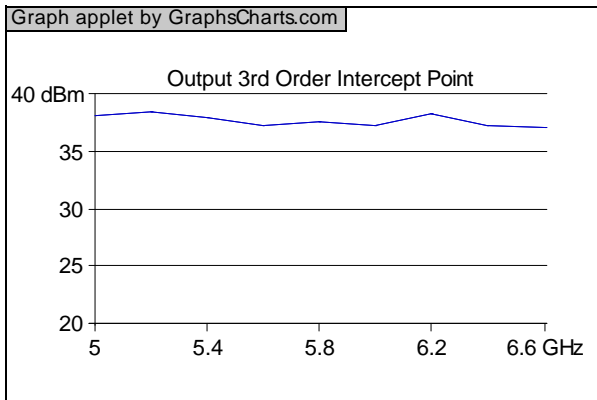
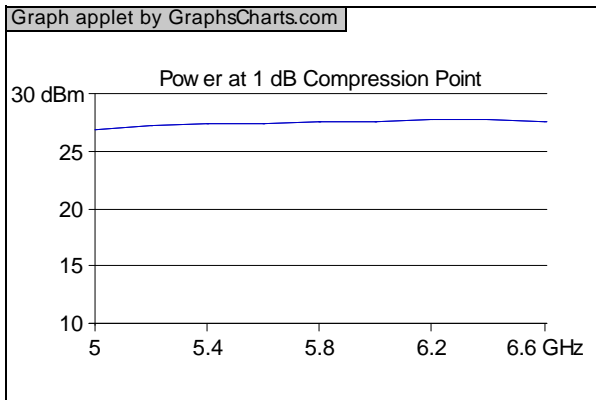
Updated: 6/12/2013



Nextec Microwave & RF, Inc. WWW.NEXTEC-RF.COM
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Outline Drawing

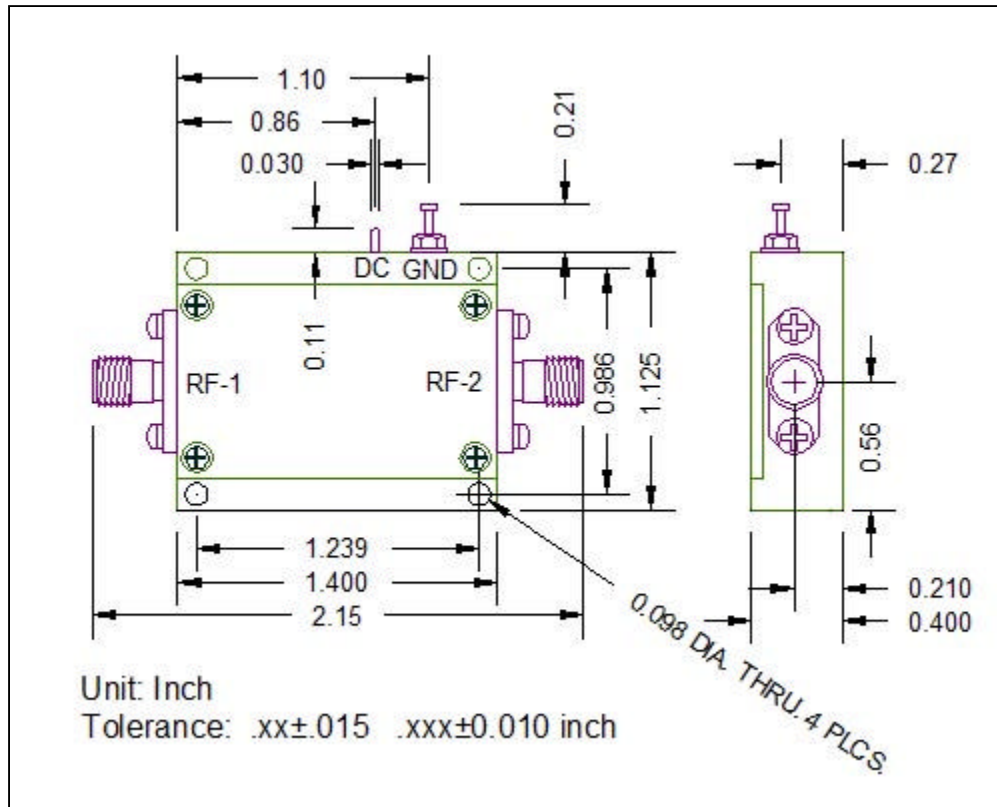
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Connector	Type	Pin #	Pin Name	In/Out	Description
RF-1	SMA-F	1	IN	I	RF Signal Input
RF-2	SMA-F	1	OUT	O	RF Signal Output
DC	EMI Filter	1	+12 V	I	DC Power Supply (12-18V)
GND	GROUND LUG	1	GND	O	Ground

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