

NB00422

8-14 GHz 27 dBm Power Amplifier

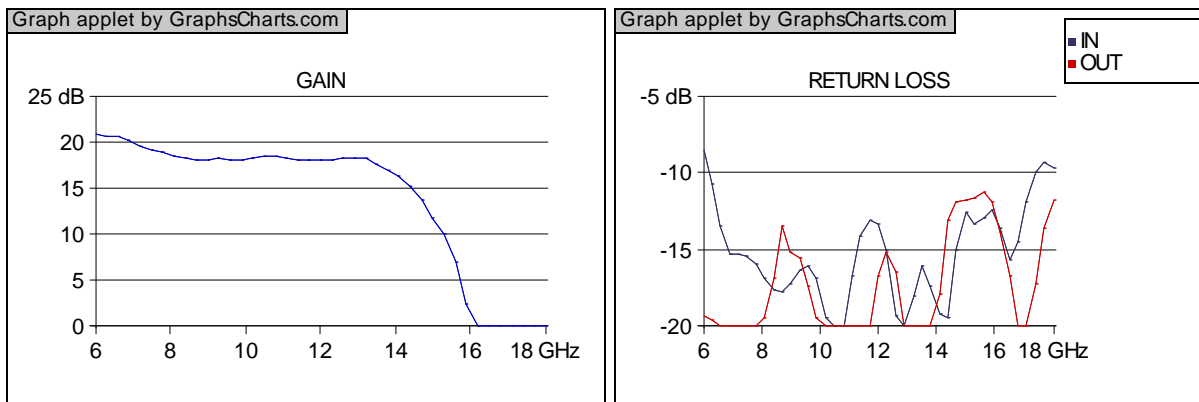
Features:

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

Electrical Performance

Parameter	Min.	Typ.	Max.	Unit	Note
Frequency	8		14	GHz	
Gain	17	19		dB	
Gain Flatness			1.2	dB(+/-)	
Power @ 1dB Gain Compression Point	27	28		dBm	
Noise Figure		4.5	5.0	dB	
VSWR Input			2.0		
VSWR Output			2.0		
Supplied Current		350	400	mA	
DC Supply Voltage	10	12	17	V	

Typical Test Data



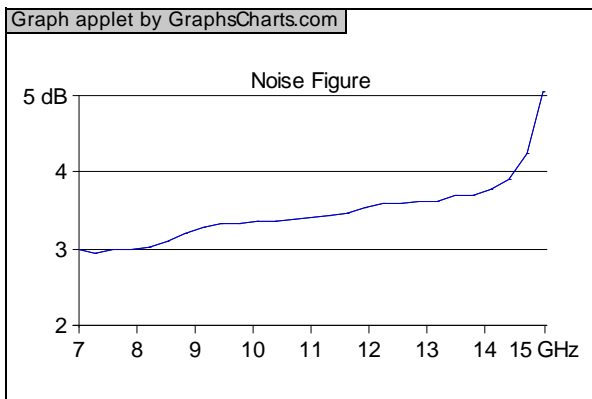
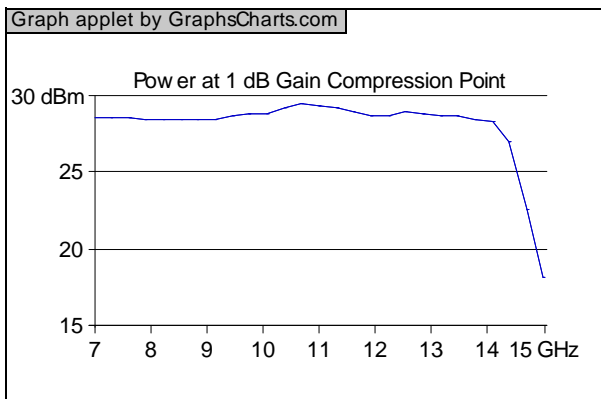
Updated: 9/5/2012



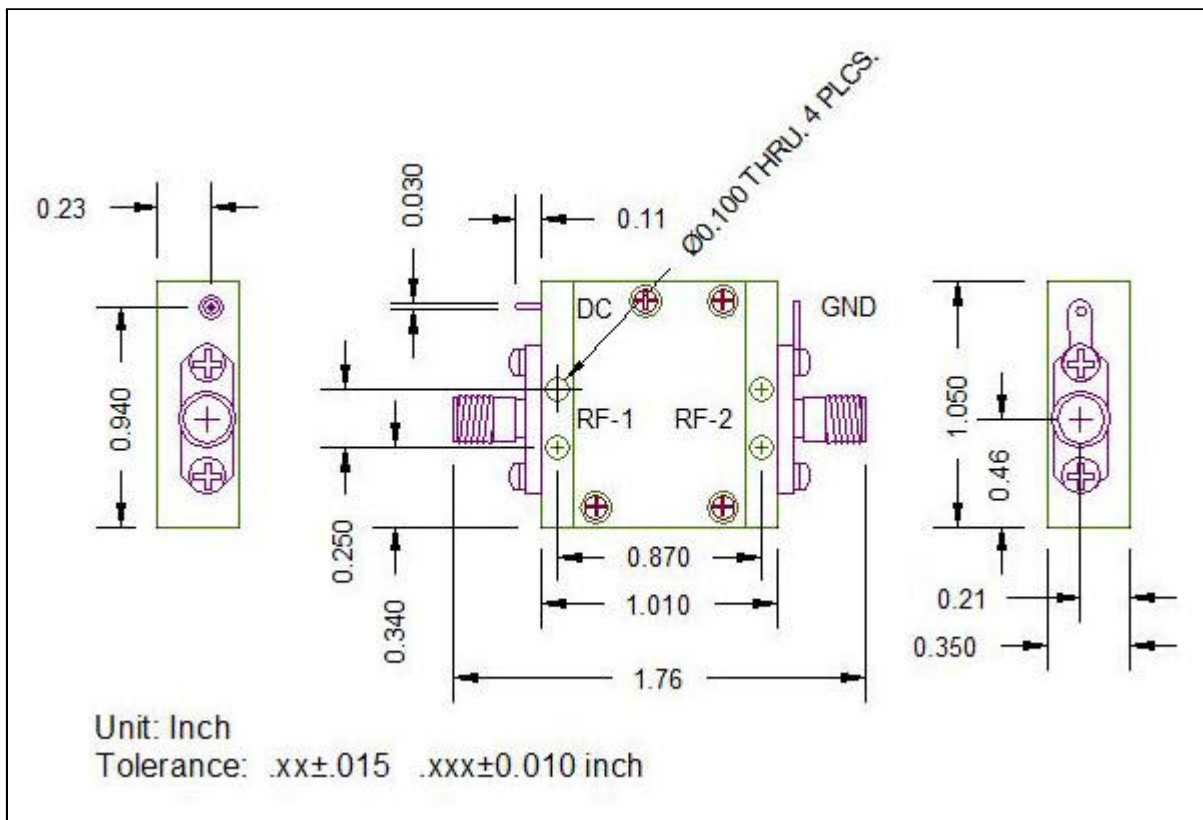
Nextec Microwave & RF, Inc. WWW.NEXTEC-RF.COM
 3010 Scott Blvd., Santa Clara, California 95054
 (408) 727-1189(Ph)/ (408) 727-5915(Fax)/ sales@nextec-rf.com

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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 (+10 TO +17 V)

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GND GROUND LUG 1 GND O GROUND

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