

NB00448

8-14 GHz 0.1 W Driver Amplifier

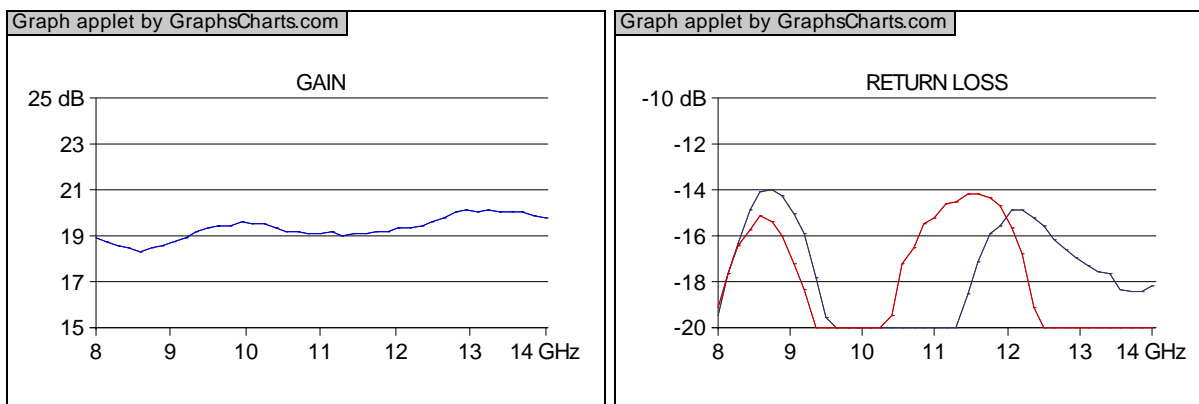
Features:

- Thin Film MIC Process
- Field Replaceable SMA Connectors
- Reverse Bias Protectoin

Electrical Performance

Parameter	Min.	Typ.	Max.	Unit	Note
Frequency	8		14	GHz	
Gain	18	19		dB	
Gain Flatness			1.5	dB(+/-)	
Power @ 1dB Gain Compression Point	20	23		dBm	
Output 3rd Order Intercept Point	28			dBm	
VSWR Input			1.5		
VSWR Output			1.5		
Noise Figure		6		dB	
DC Supply Voltage	12		15	V	
Supplied Current			250	mA	

Typical Test Data



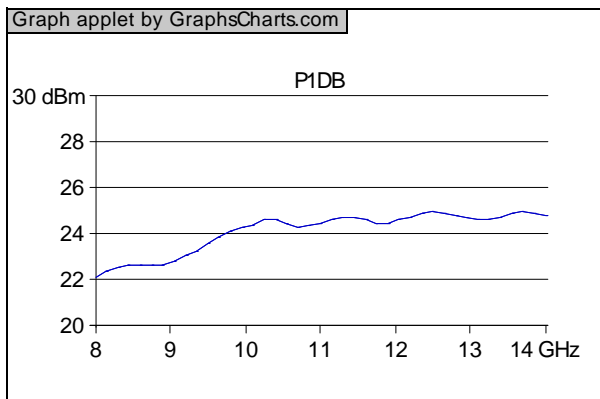
Updated: 9/6/2012



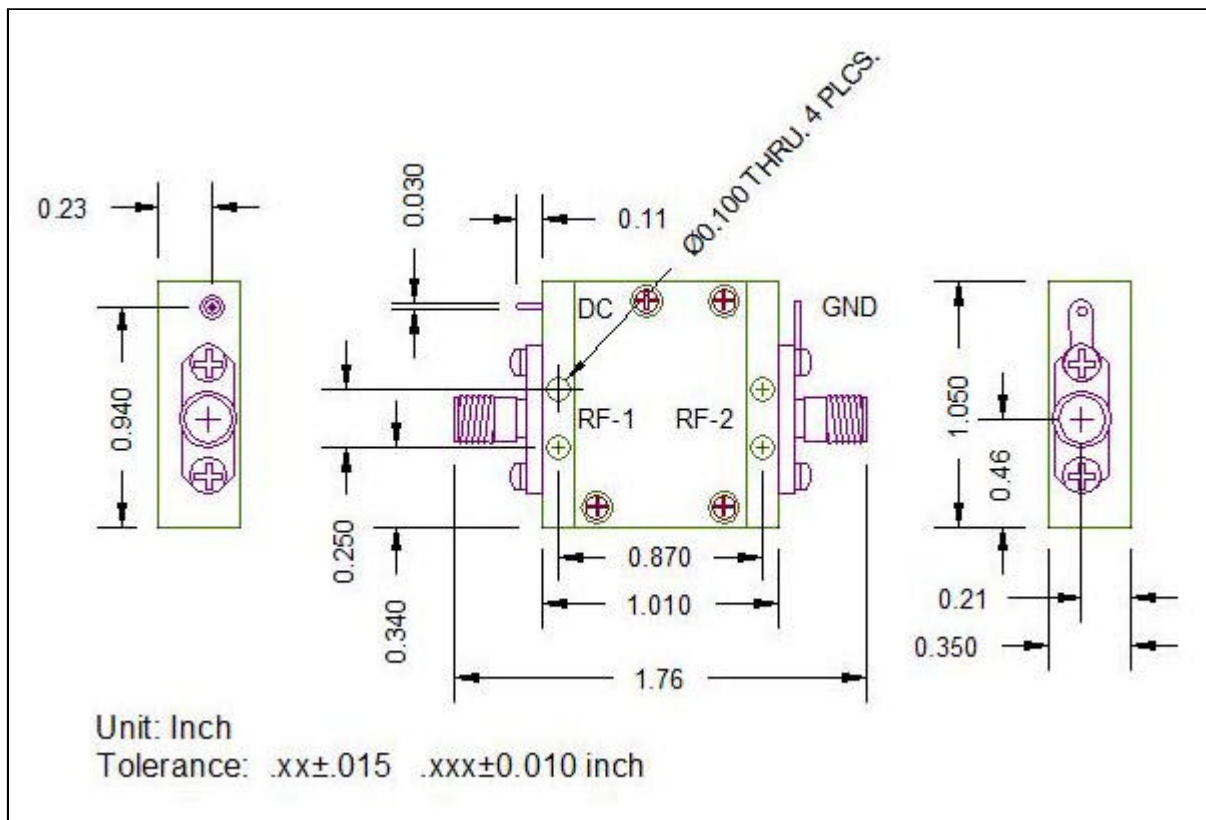
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Outline Drawing



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 TO +15 V)

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GND GROUND LUG 1 GND O GROUND

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