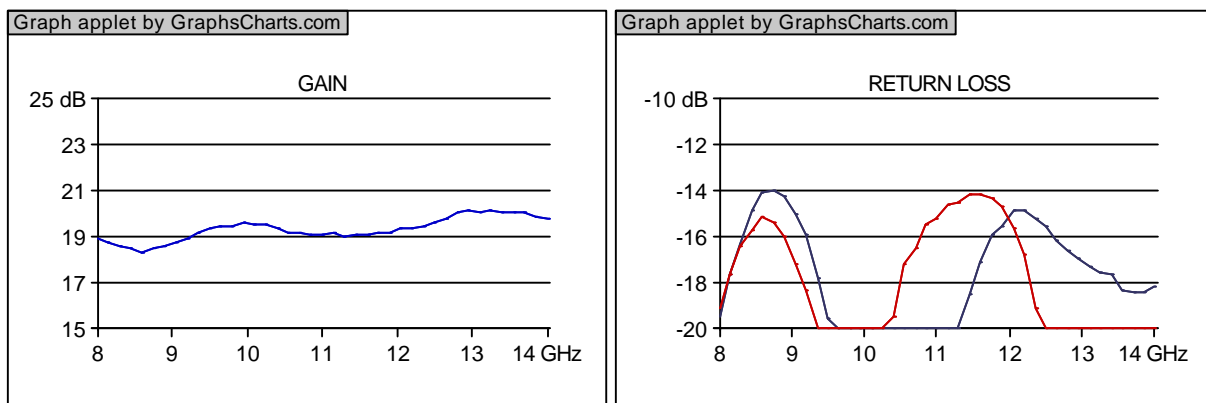


8-14 GHz 0.1 W Driver Amplifier**Features:**

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

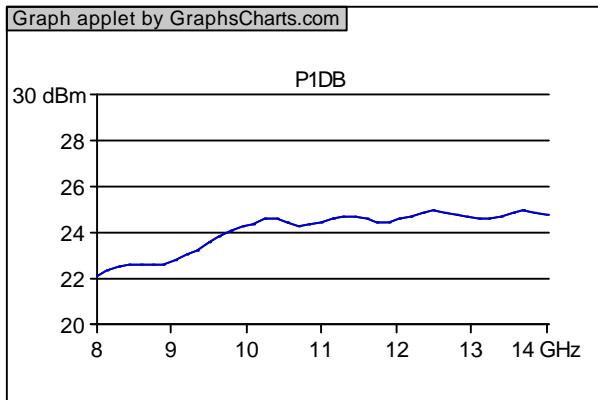
Electrical Performance

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	

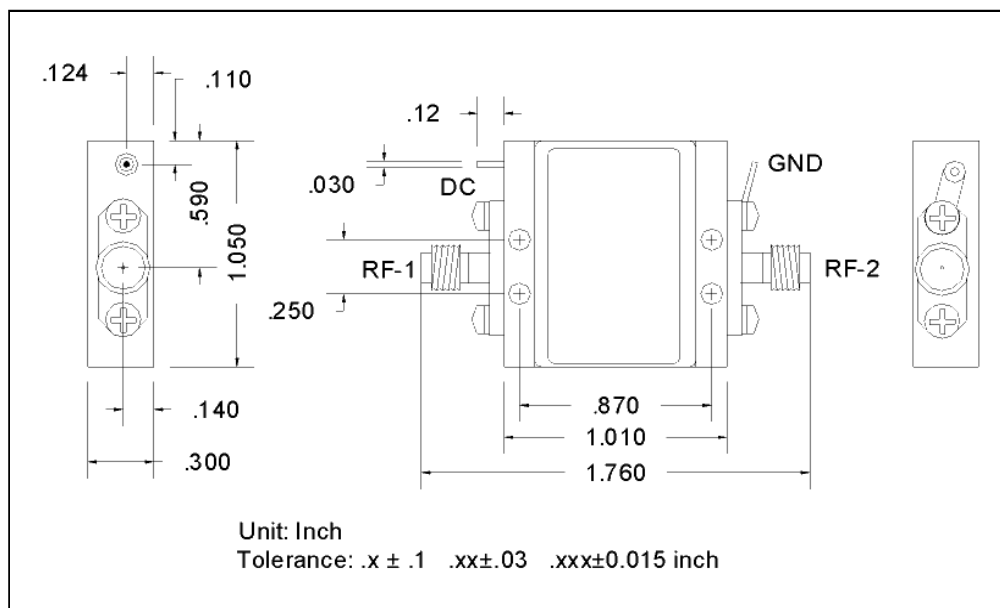
Typical Test Data

Updated: 5/21/2007

8-14 GHz 0.1 W Driver Amplifier



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)
GND	GROUND LUG	1	GND	O	GROUND

Updated: 5/21/2007

8-14 GHz 0.1 W Driver Amplifier

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