

8-14 GHz 11dBm Power Amplifier

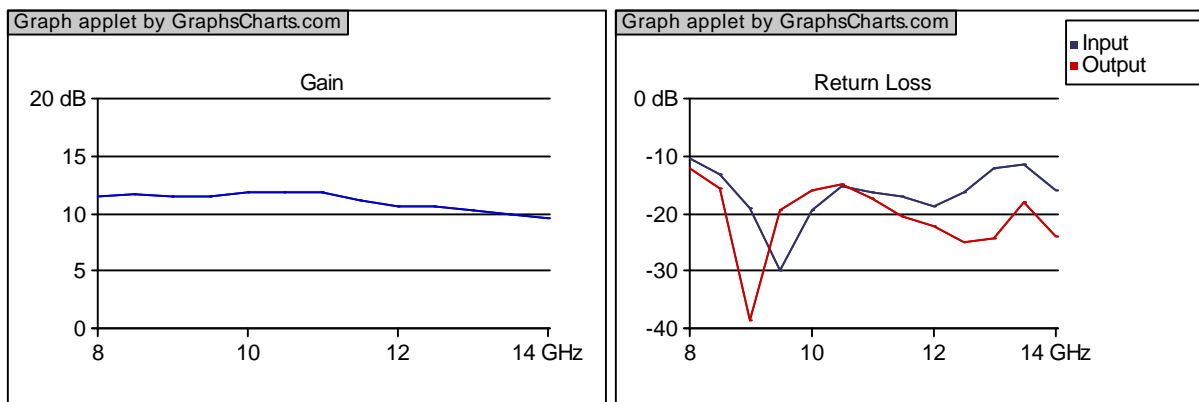
Features:

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

Electrical Performance

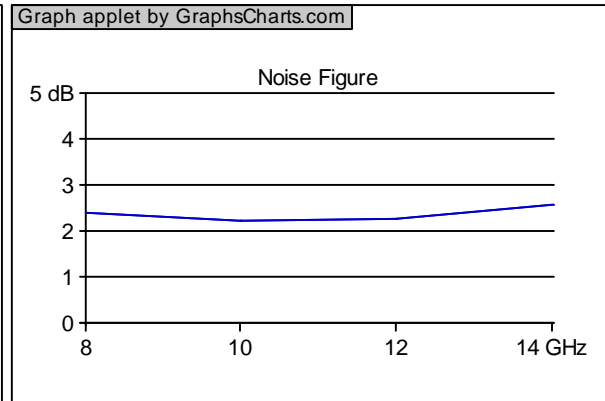
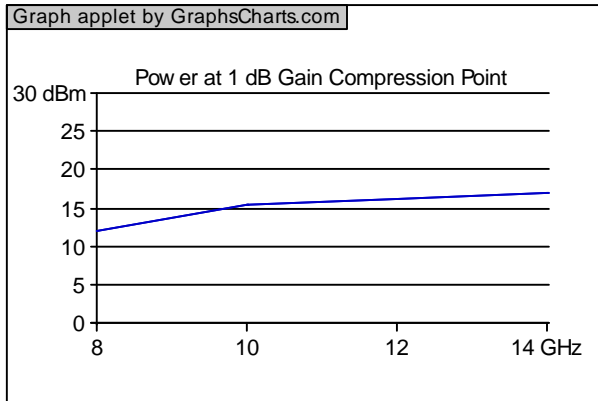
Parameter	Min.	Typ.	Max.	Unit	Note
Frequency	8		14	GHz	
Gain	9	11		dB	
Gain Flatness			2	dB(+/-)	
Power @ 1dB Gain Compression Point	11	13		dBm	
Noise Figure		4.5	5.0	dB	
VSWR Input			2.0		
VSWR Output			2.0		
Supplied Current		60	90	mA	
DC Supply Voltage	10	12	17	V	

Typical Test Data

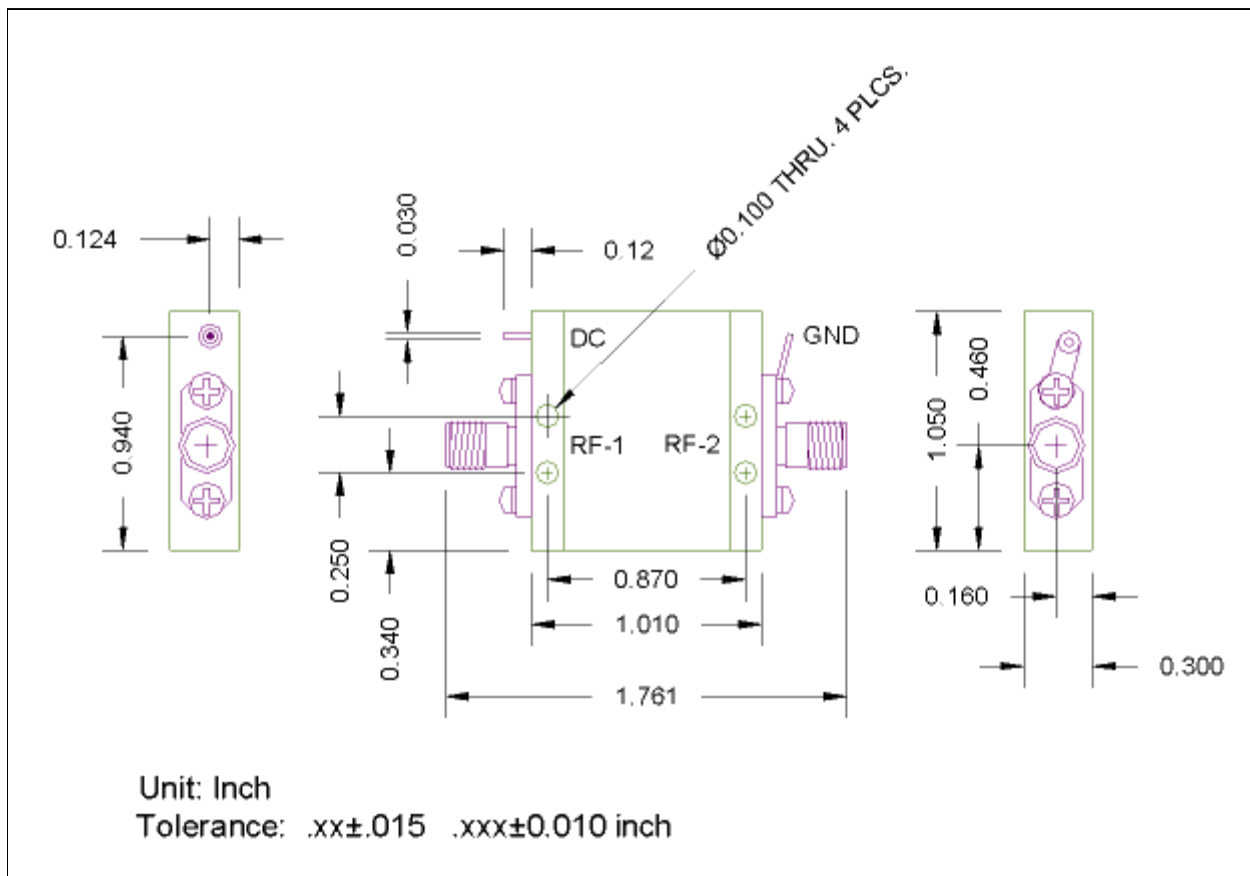


Updated: 12/2/2007

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Outline Drawing



Connector	Type	Pin #	Pin Name	In/Out	Description
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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 Supply (10-17V)
GND	GROUND LUG	1	GND	O	Ground

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