

2-13 GHz BROAD BAND AMPLIFIER

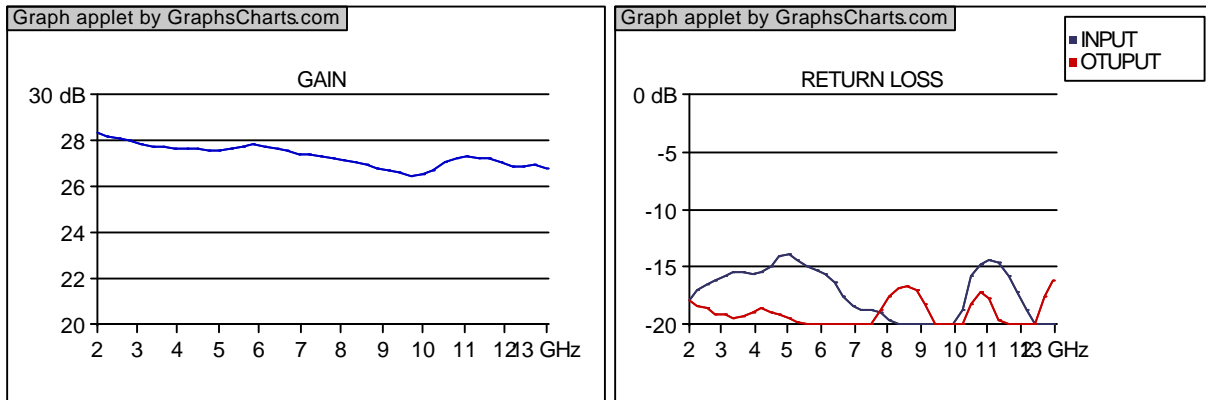
Features:

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

Electrical Performance

Parameter	Min.	Typ.	Max.	Unit	Note
Frequency	2		13	GHz	
Gain	26			dB	
Gain Flatness			3	dB(+/-)	
Power @ 1dB Gain Compression Point	11			dBm	
Noise Figure			7	dB	
VSWR Input			2.5		
VSWR Output			2.2		
DC Supply Voltage	12		18	V	
Supplied Current			130	mA	

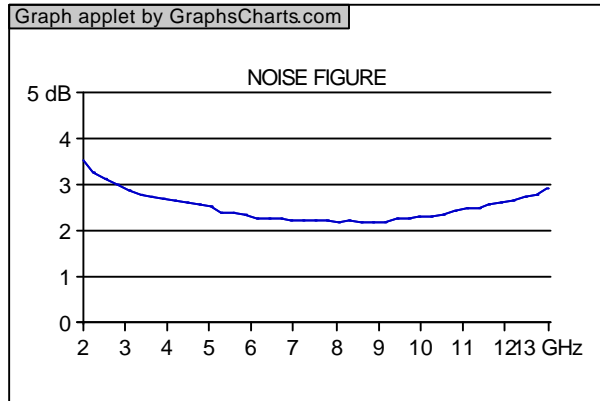
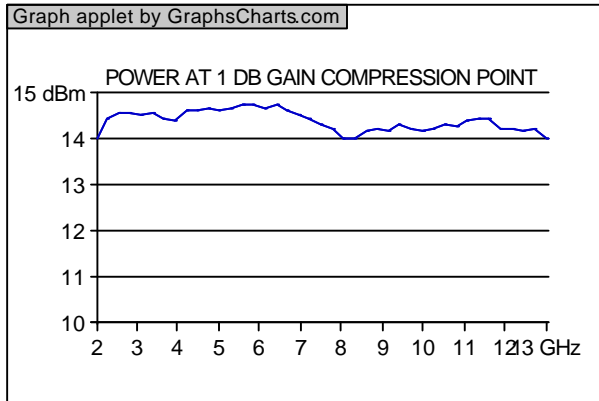
Typical Test Data



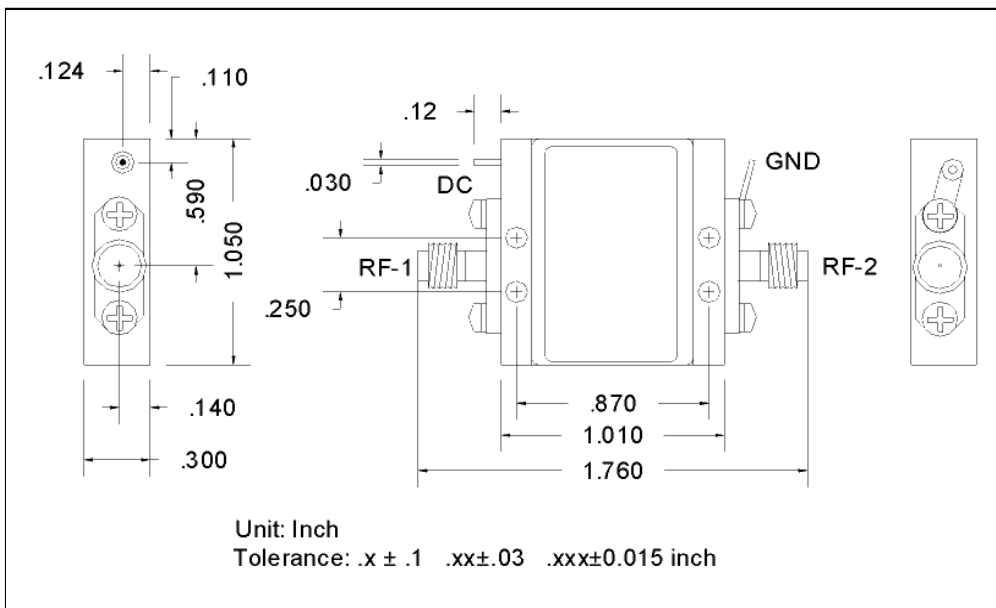
Updated: 7/15/2007

NB00453

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Outline Drawing



Connector	Type	Pin #	Pin Name	In/Out	Description
RF-1	SMA-F	1	IN	I	RF INPUT SIGNAL
RF-2	SMA-F	1	OUT	O	RF OUTPUT SIGNAL
DC	EMI Filter	1	+12 V	I	DC SUPPLY (+12 TO +18 V)
GND	GROUND LUG	1	GND	O	GROUND

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