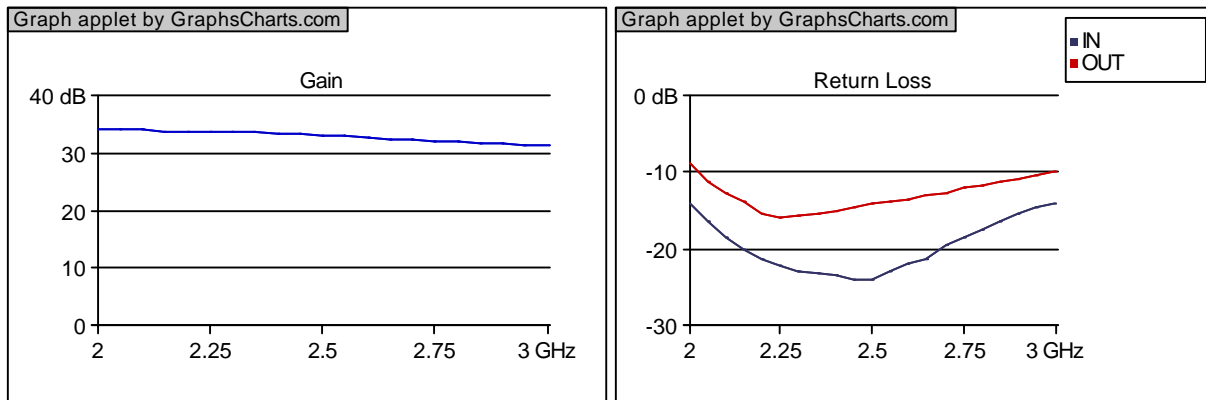


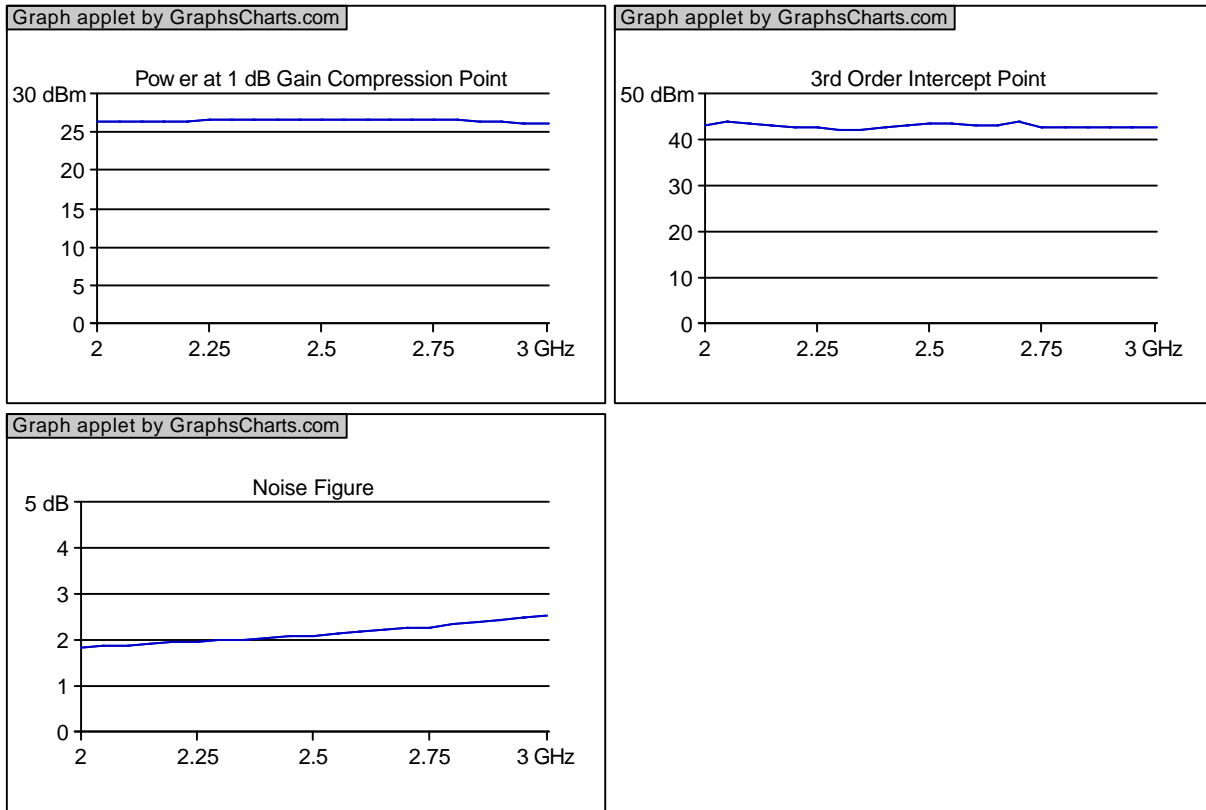
**2-3 GHz 0.3 W Medium Power Amplifier****Electrical Performance**

Parameter	Min.	Typ.	Max.	Unit	Note
Frequency	2		3	GHz	
Gain	28	30		dB	
Gain Flatness		1.5	2.0	dB(+/-)	
Power @ 1dB Gain Compression Point	25	26.5		dBm	
Output 3rd Order Intercept Point	40	42.5		dBm	
Noise Figure		2.5	3.0	dB	
VSWR Input		1.5	1.9		
VSWR Output		2.0	2.2		
DC Supply Voltage	11.5	12	15.0	V	
Supplied Current		329	370	mA	

**Typical Test Data**

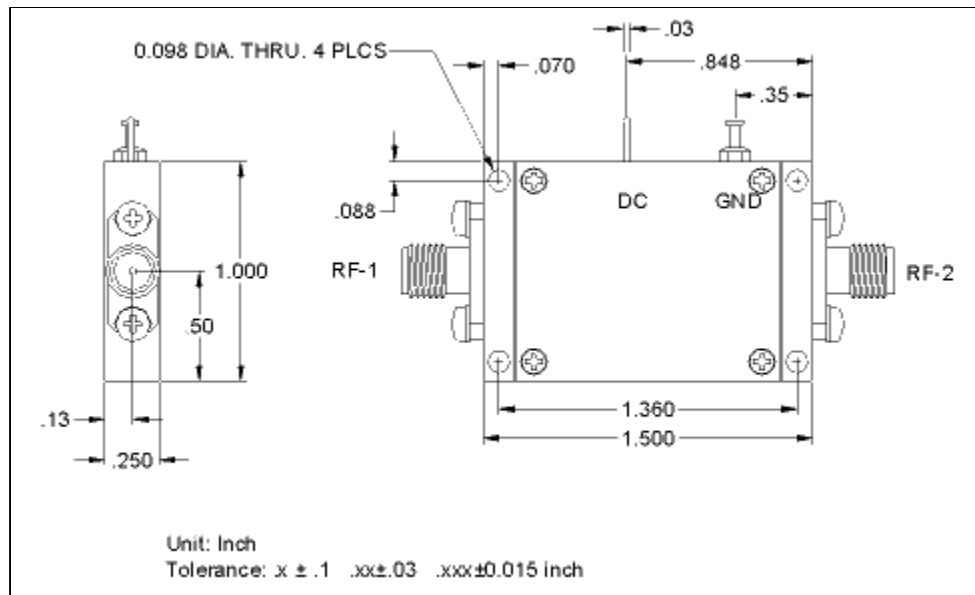
Updated: 10/6/2006

## 2-3 GHz 0.3 W Medium Power Amplifier



Outline Drawing

## 2-3 GHz 0.3 W Medium Power Amplifier



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 (+11.5 TO +15 V)
GND	GROUND LUG	1	GND	O	GROUND

Updated: 10/6/2006