

18-40 GHz Wideband Amplifier

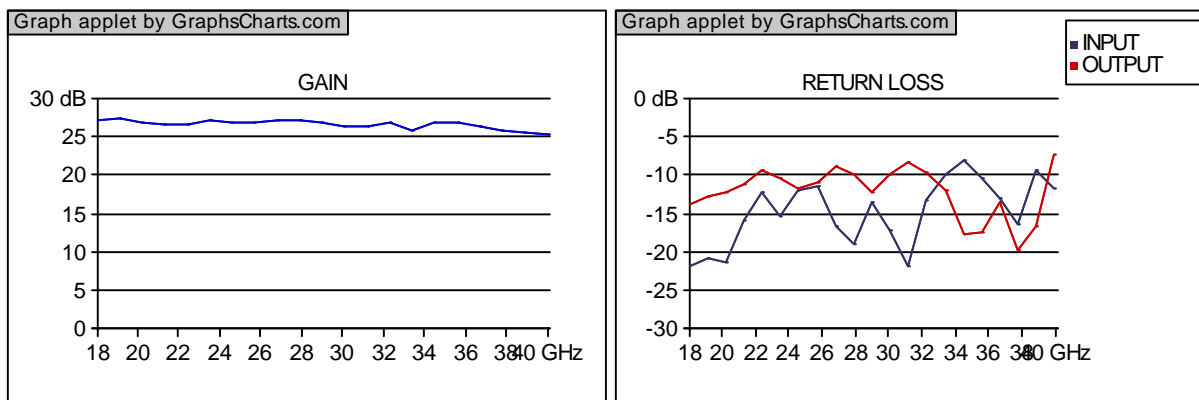
Features:

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

Electrical Performance

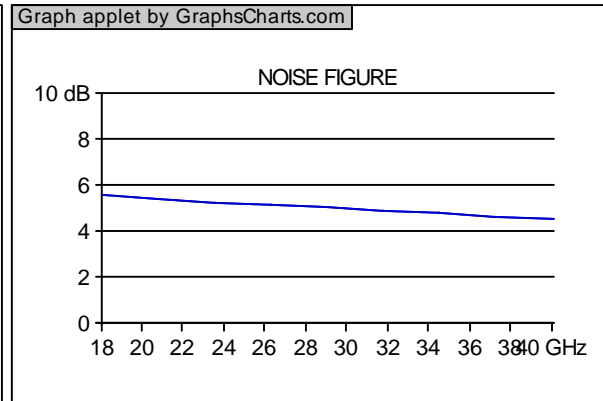
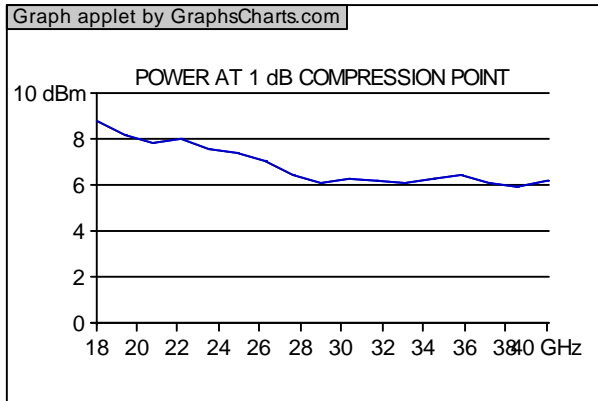
Parameter	Min.	Typ.	Max.	Unit	Note
Frequency	18		40	GHz	
Gain	24			dB	
Gain Flatness			2	dB(+/-)	
Power @ 1dB Gain Compression Point	5			dBm	
Noise Figure			7	dB	
VSWR Input		2.0	2.5		
VSWR Output		2.0	2.5		
DC Supply Voltage	12		18	V	
Supplied Current			250	mA	

Typical Test Data

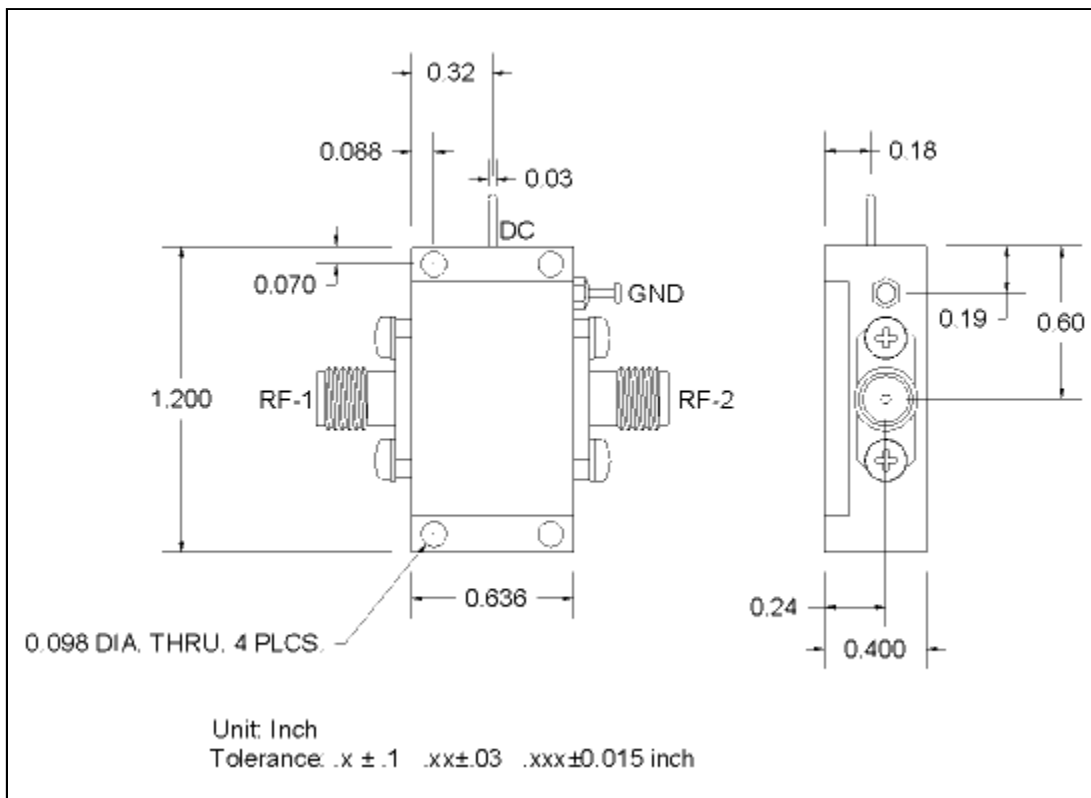


Updated: 12/2/2007

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Outline Drawing



Connector	Type	Pin #	Pin Name	In/Out	Description
RF-1	K-F	1	IN	I	RF INPUT SIGNAL
RF-2	K-F	1	OUT	O	RF OUTPUT SIGNAL

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DC	EMI Filter	1	+12 V	I	DC INPUT (+12 TO +18V)
GND	GROUND LUG	1	GND	O	GROUND

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