

18-32 GHz Broadband Low Noise Amplifier

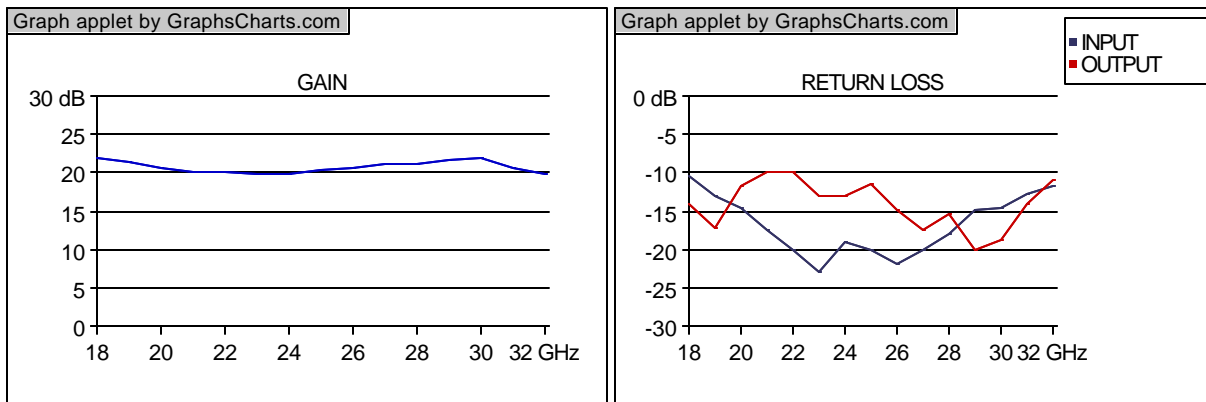
Features:

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

Electrical Performance

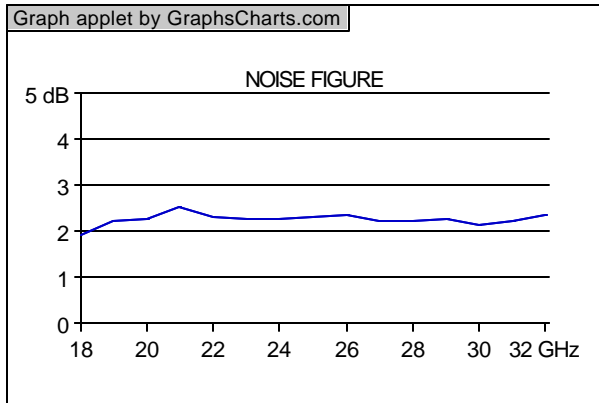
Parameter	Min.	Typ.	Max.	Unit	Note
Frequency	18		32	GHz	
Gain	18	20		dB	
Gain Flatness		1.5	2	dB(+/-)	
Power @ 1dB Gain Compression Point	7	10		dBm	
VSWR Input		1.9	2.4		
VSWR Output		1.9	2.4		
Noise Figure		3.0	3.5	dB	
DC Supply Voltage	9	12	15	V	
Supplied Current		50	75	mA	

Typical Test Data

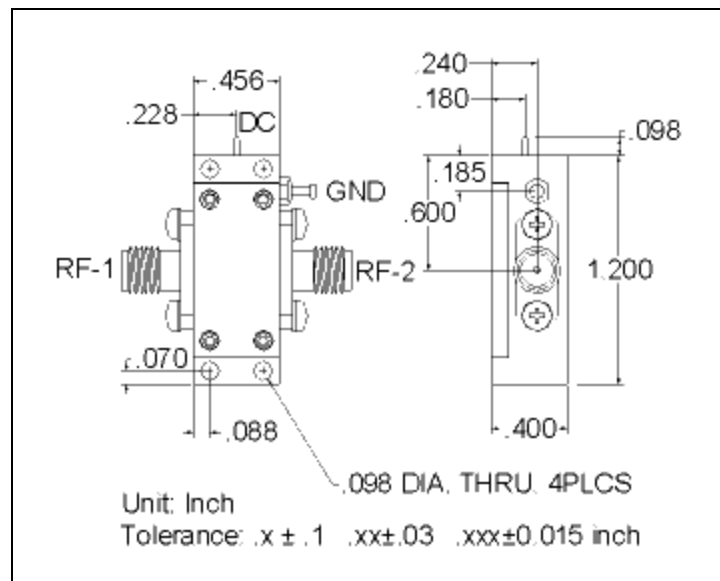


Updated: 10/25/2007

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Outline Drawing



Connector	Type	Pin #	Pin Name	In/Out	Description
RF-1	K-F	1	IN	I	RF SIGNAL INPUT
RF-2	K-F	1	OUT	O	RF SIGNAL OUTPUT
DC	EMI Filter	1	+12 V	I	DC INPUT (+9 TO +15 V)
GND	GROUND LUG	1	GND	O	GROUND

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