

3.2-7.0 GHZ BROADBAND LOW NOISE AMPLIFIER

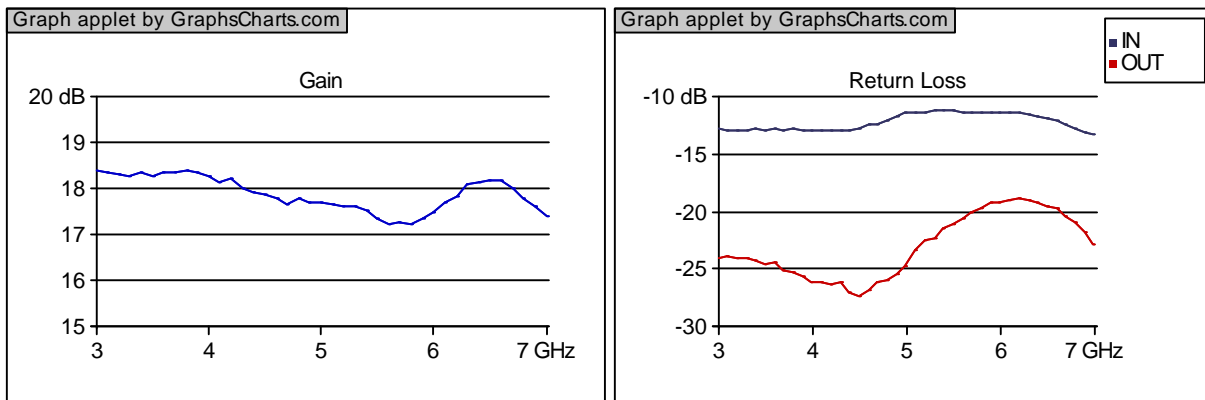
Features:

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

Electrical Performance

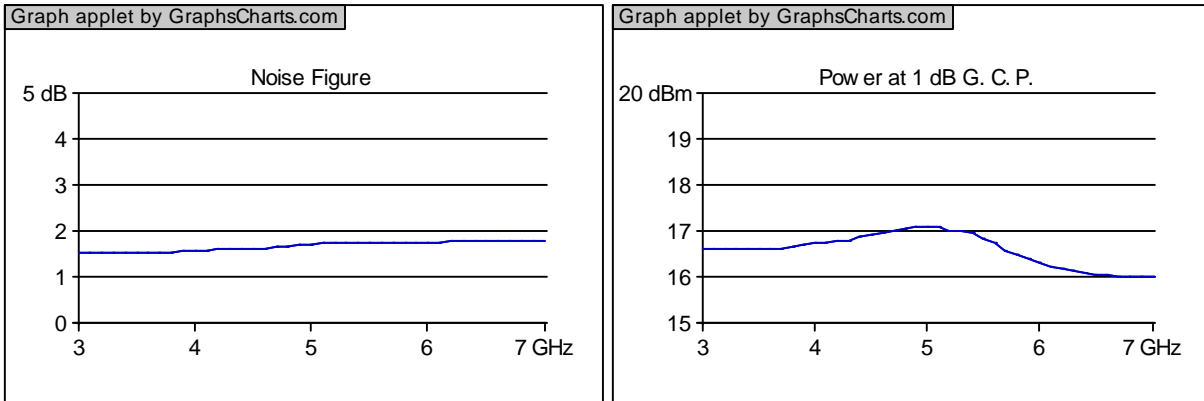
Parameter	Min.	Typ.	Max.	Unit	Note
Frequency	3.2		7.0	GHz	
Gain	15			dB	
Gain Flatness			1.5	dB(+/-)	
Noise Figure			2.5	dB	
Power @ 1dB Gain Compression Point	15			dBm	
VSWR Input			2		
VSWR Output			1.5		
Supplied Current			80	mA	
DC Supply Voltage	11	12	18	V	

Typical Test Data

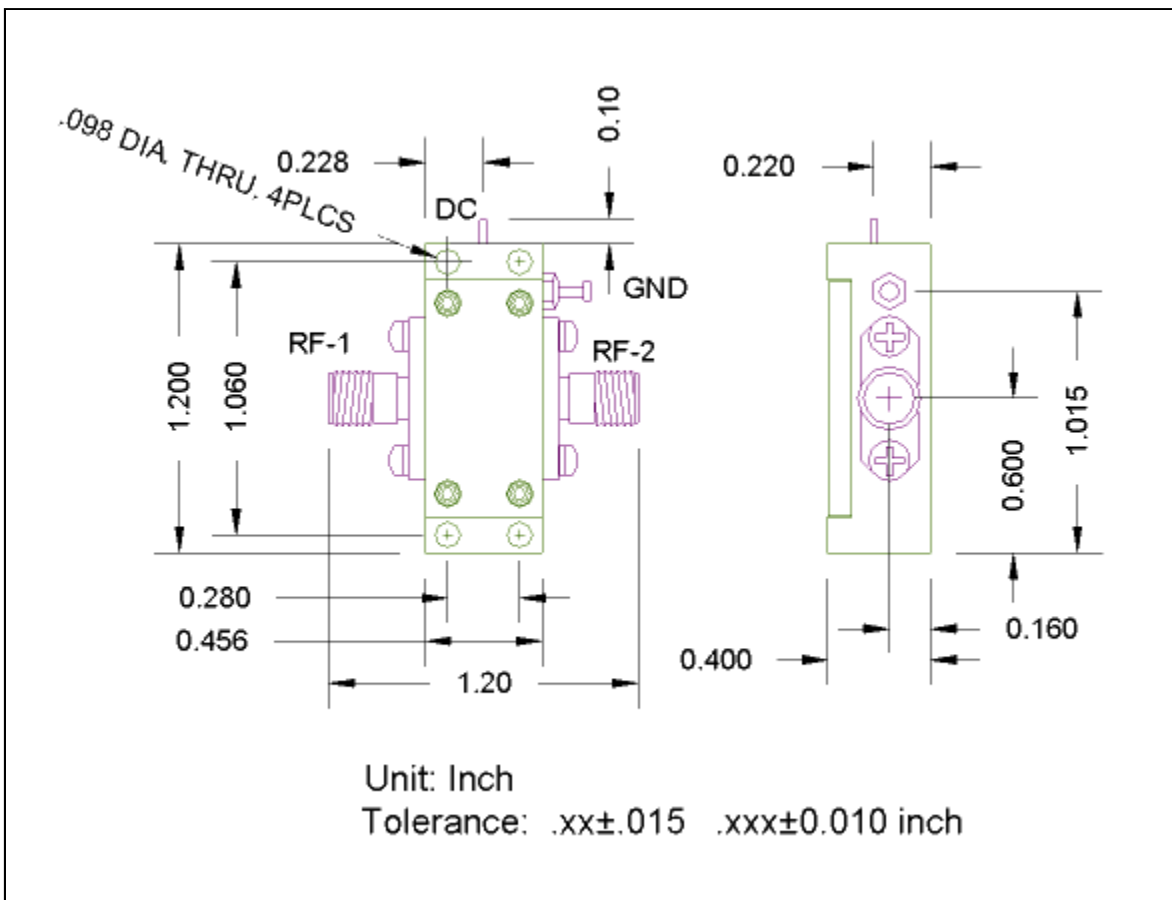


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Outline Drawing



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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 INPUT (+11 V TO +18 V)
GND	GROUND LUG	1	GND	O	GROUND

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