

# NB00579

## 2-18 GHZ BROADBAND AMPLIFIER

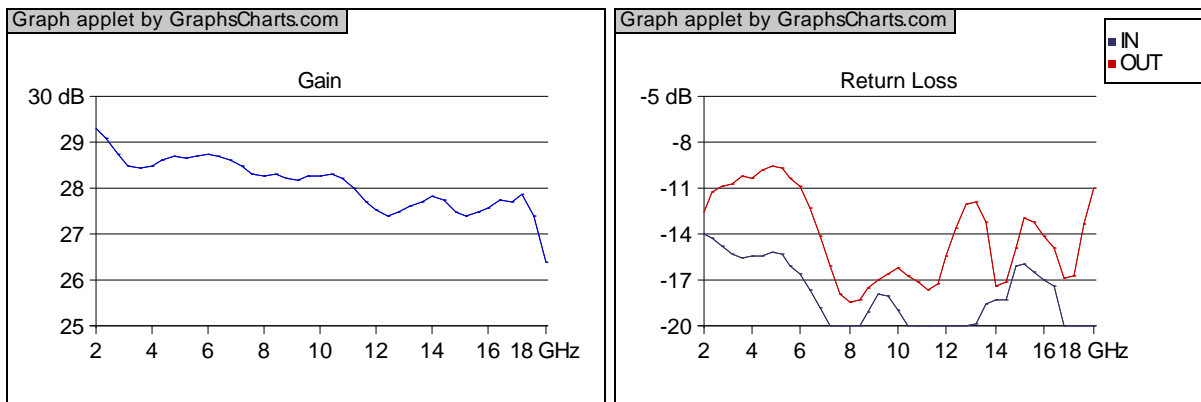
**Features:**

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

**Electrical Performance**

Parameter	Min.	Typ.	Max.	Unit	Note
Frequency	2		18	GHz	
Gain	25			dB	
Gain Flatness			2	dB(+/-)	
Power @ 1dB Gain Compression Point	10			dBm	
Noise Figure			4	dB	
VSWR Input			2.2		
VSWR Output			2.2		
Supplied Current			150	mA	
DC Supply Voltage	12		18	V	

**Typical Test Data**



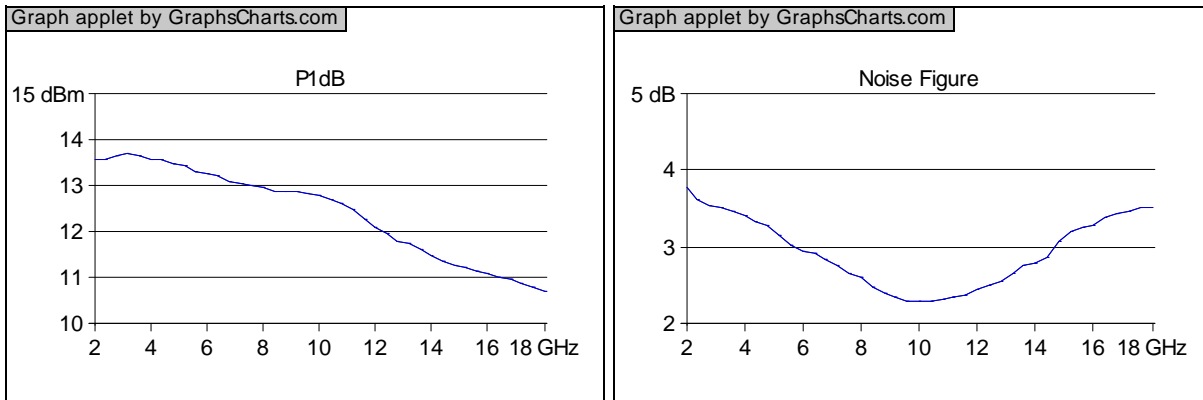
Updated: 7/7/2016



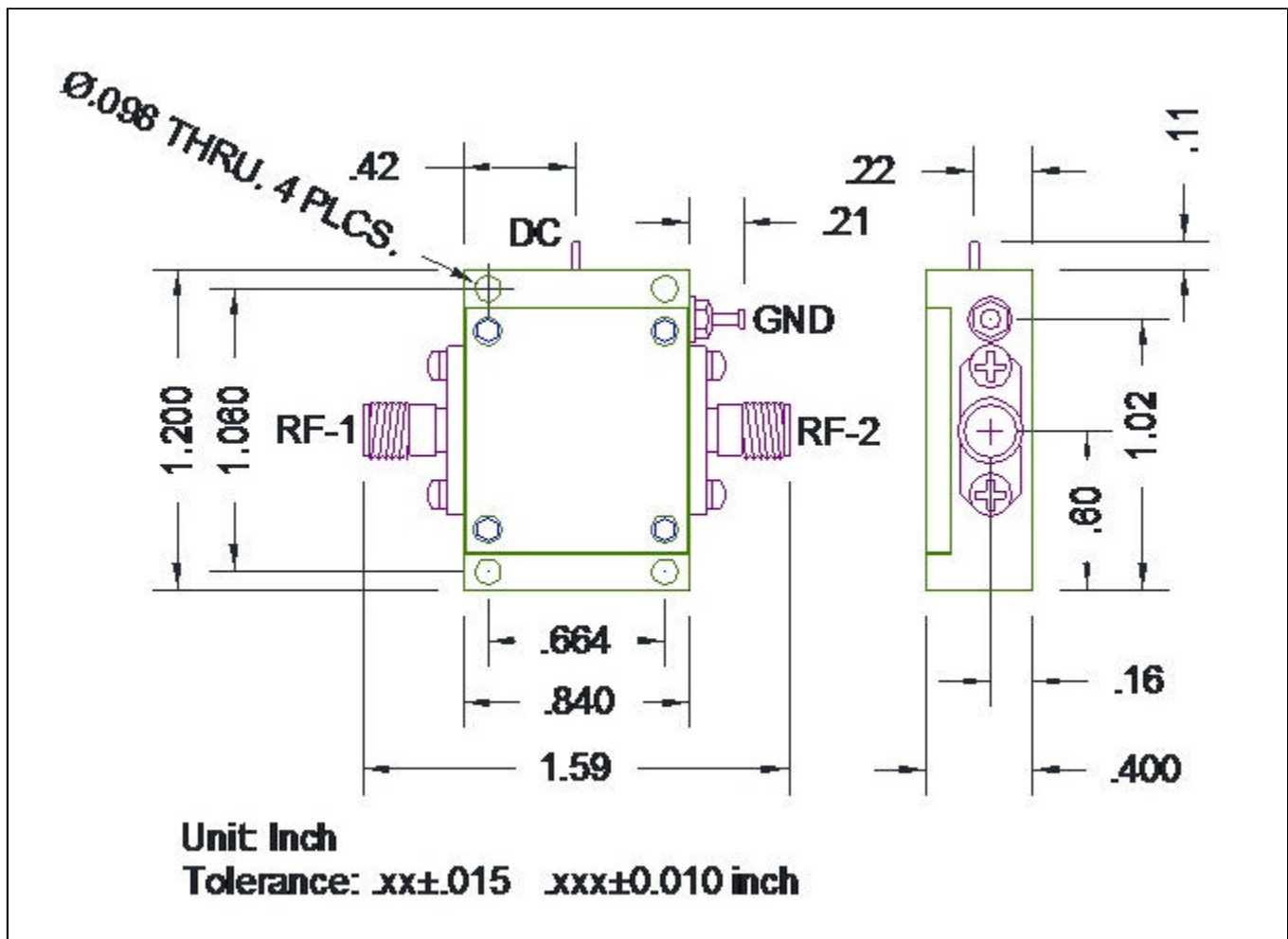
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Outline Drawing



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

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