

NB00454

18 - 26.5 GHz Broad Band Amplifier

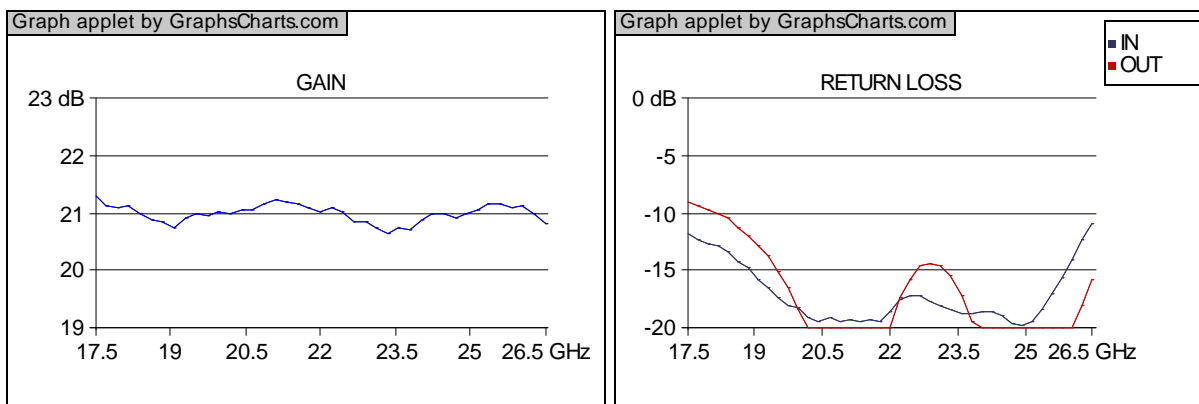
Features:

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

Electrical Performance

Parameter	Min.	Typ.	Max.	Unit	Note
Frequency	18.0		26.5	GHz	
Gain	18	22		dB	
Gain Flatness		1.5	2.5	dB(+/-)	
Power @ 1dB Gain Compression Point	17	20		dBm	
Output 3rd Order Intercept Point	25	28		dBm	
Noise Figure		9	12	dB	
VSWR Input		1.9	2.4		
VSWR Output		1.9	2.4		
Supplied Current		290	350	mA	
DC Supply Voltage	11	12	15	V	

Typical Test Data



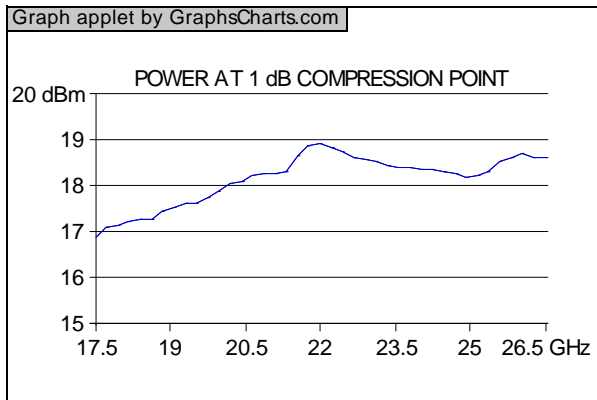
Updated: 7/21/2015



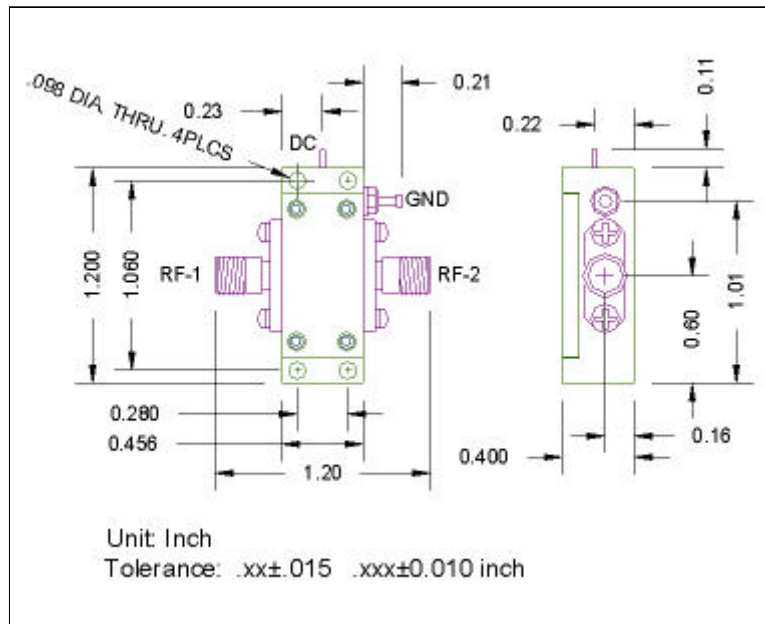
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Outline Drawing



Connector	Type	Pin #	Pin Name	In/Out	Description
RF-1	K-F	1	IN	O	RF SIGNAL INPUT
RF-2	K-F	1	OUT	O	RF SIGNAL OUTPUT
DC	EMI Filter	1	+12 V	O	DC INPUT (11V T 15V)
GND	GROUND LUG	1	GROUND	O	GROUND

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