

27-29 GHz DRIVER AMPLIFIER

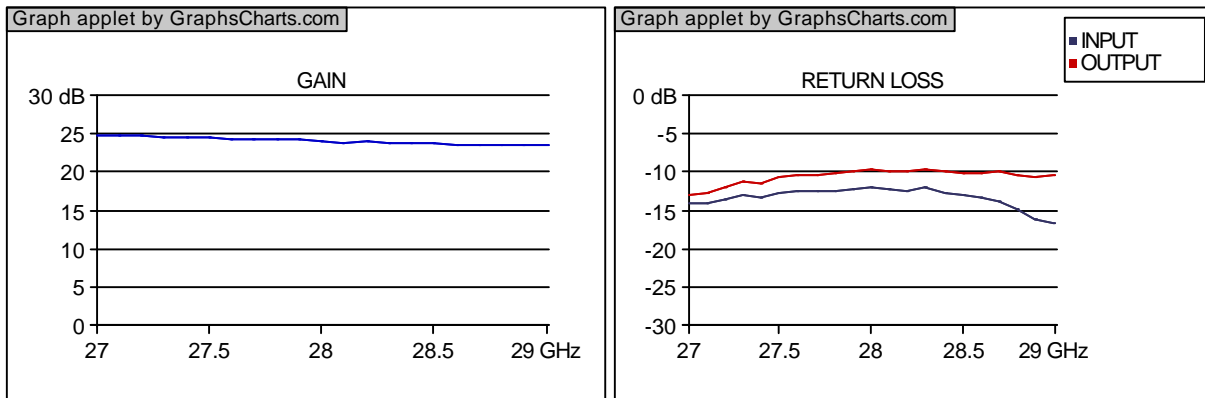
Features:

- Thin Film Hybrid MIC Process
- Field Replaceable RF Connectors

Electrical Performance

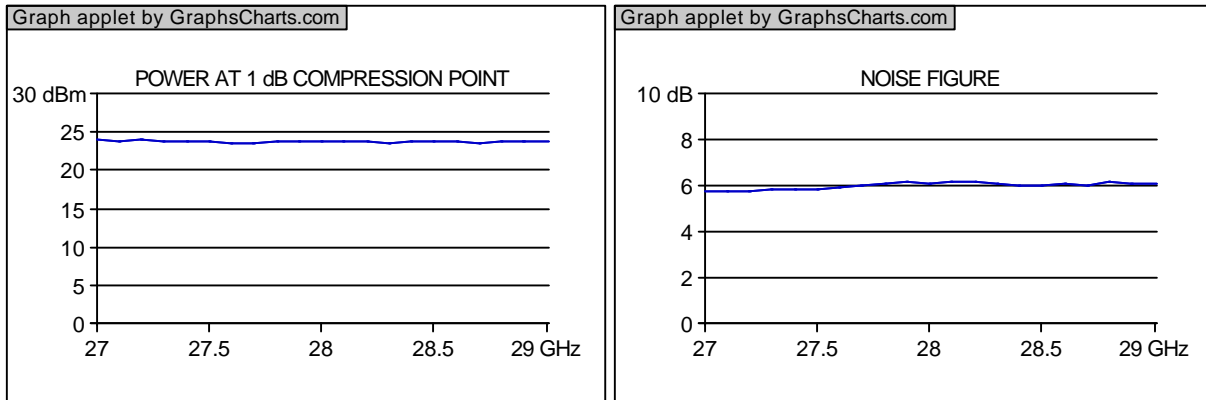
Parameter	Min.	Typ.	Max.	Unit	Note
Frequency	27		29	GHz	
Gain	21			dB	
Gain Flatness			1.5	dB(+/-)	
Power @ 1dB Gain Compression Point	21			dBm	
Noise Figure			8	dB	
VSWR Input			2		
VSWR Output			2		
DC Supply Voltage	12	12	15	V	
Supplied Current			310	mA	

Typical Test Data

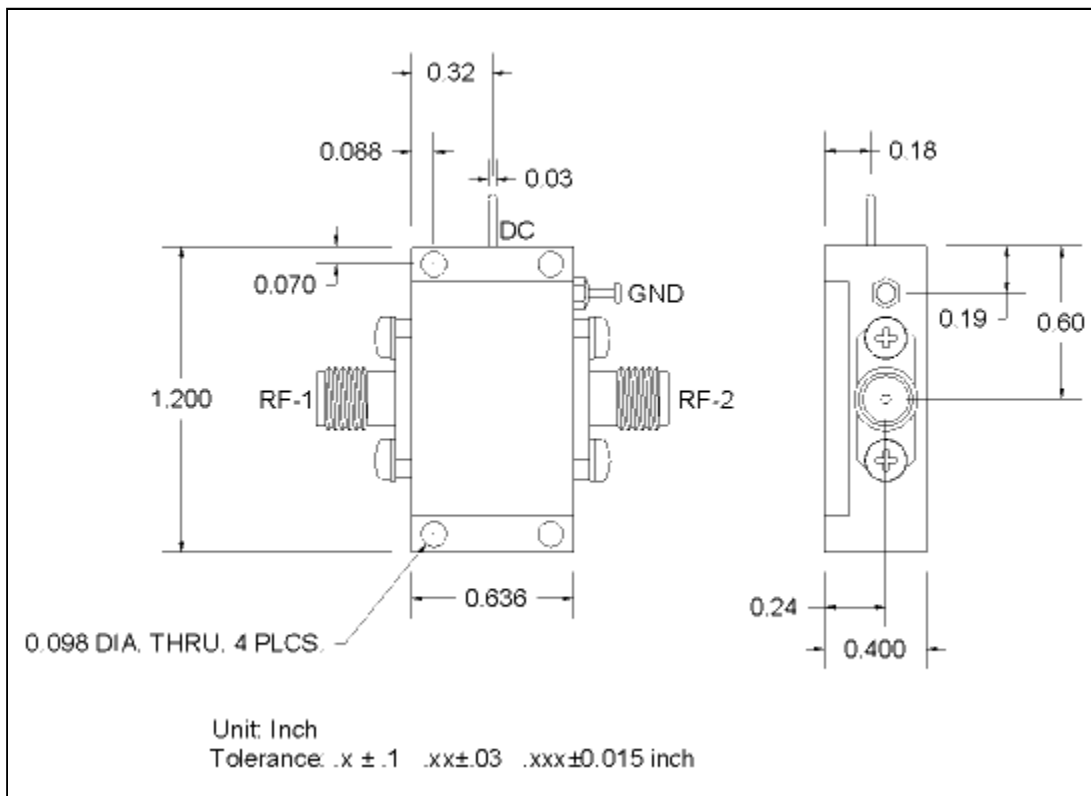


Updated: 5/19/2006

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Outline Drawing



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

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RF-2	K-F	1	OUT	O	RF OUTPUT SIGNAL
DC	EMI Filter	1	+12 V	I	DC INPUT (+12 TO +15 V)
GND	GROUND LUG	1	GND	O	GROUND

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Nextec Microwave & RF, Inc WWW.NEXTEC-RF.COM
3010 Scott Blvd., Santa Clara, CA 95054
(408) 727-1189 (408) 727-5915(Fax) sales@nextec-rf.com