

MICRONETICS, INC. 26 Hampshire Drive Hudson, NH 03051	Title: Product Specification Sheet Low Noise Amplifier	Doc. No. PS7216 Rev: 1
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ECO No.	Rev.	Description of Change	Date	Eng	Mfg	QA
	1	ENGINEERING RELEASE	2/14/12	NM		

PARAMETER

SPEC LIMITS



1.0 RF Specifications

1.1 Frequency Range	1 - 2 GHz
1.2 Gain@ 25 °C (Min)	20 dB
1.2.1 Gain Flatness (Max)	2.0 dB Pk-Pk
1.3 Noise Figure @ 25 °C (Max)	0.8 dB
1.4 Impedance Nominal	50 ohms
1.5 VSWR (Max, input and output)	2:1

2.0 DC Specifications

2.1 Bias Voltage (+/-5 %)	5 Vdc
2.2 Current Draw (Max)	50 mA

3.0 General Specifications

3.1 Connectors	
3.1.1 RF Connector, Input	SMA (F)
3.1.2 RF Connector, Output	SMA (F)
3.1.3 Bias	Feed thru pin

4.0 Environmental Requirements

4.1 Temperature	
4.1.1 Operating	-40 to +85°C
4.1.2 Storage	-65 to +95°C
4.2 Seal	Hermetic Laser Seal

5.0 Dimensions

Refer to Outline Drawing

