



MP5500/800/200K-LN-A is a Low Noise Amplifier, suitable for various Broad Band applications. Amplifier employs pHEMT devices that provide high efficiency, Low noise Figure, wide dynamic range, and linearity. Its compact size makes it ideal for portable applications.

### Model: MP5500/800/200K-LN-A

1. Electrical Characteristics		
Item	Value	Note
Frequency Range	5100 ~ 5900 MHz	
Gain	21 dB ± 0.5dB	
Gain Flatness	± 0.5 dB	Over Freq. Range
Noise Figure	2.0 dB (Max.)	@ +25°C Over Freq. Range
1dB Compression	+18 dBm (Min.)	
3rd. Order Intercept Point	+29 dBm (Min.)	2 CW tones @ +5 dBm/tone 1 MHz spacing
Input / Output VSWR	2.0:1 (Max.)	
DC Input Voltage / Current	+5 VDC / 70 mA (Max.)	
Max. DC Input	+5.25 V	
Input / Output Impedance	50 Ω	
Max Input RF (Without Damage)	+15 dBm	

2. Mechanical Characteristics	
RF IN/OUT Connector	SMA 4 Holes Female
DC Input	#8 Feed Thru
Dimensions	1.74" x 1.22" x 0.62"

3. Environment Characteristics	
Operating Temperature	-40°C ~ +80°C

Revision History			
REV	Reason to Change	Date	Initialed by
	Released to production	06/14/19	Y.Z.

### 4. Outline Drawing

