



MP900/200/180K-LN-A is a Low Noise Amplifier, suitable for various Broad Band applications. The amplifier employs GaAs Enhancement-mode pHEMT devices that provide high efficiency, Low noise Figure, wide dynamic range, and linearity. Its compact size makes it ideal for portable applications.



Model: MP900/200/180K-LN-A

1. Electrical Characteristics			2. Mechanical Characteristics	
Item	Value		Note	
Frequency Range	800 ~ 1000 MHz		RF IN/OUT Connector	
Gain	17.5 dB \pm 1.0dB		SMA 4 Holes Female	
Gain Flatness	\pm 1.0 dB (Max.)		DC Input	
Noise Figure	0.75 dB (Typ.)	0.9 dB (Max.)	#4 Feed Thru	
1dB Compression	+19 dBm (Min.)	+20 dBm (Typ.)	Dimensions	
3rd. Order Intercept Point	+32.0 dBm (Min.)		1.15" x 0.98" x 0.55"	
Input VSWR	1.5:1 (Max.)		3. Environment Characteristics	
Output VSWR	1.5:1 (Max.)		Operating Temperature	
DC Input Voltage / Current	+12 VDC / 55 mA (Max.)		-40°C ~ +80°C	
Input / Output Impedance	50 Ω			
Max Input RF (Without Damage)	+20 dBm			

Revision History			
REV	Reason to Change	Date	Initialed by
	Production Approved	03/06/19	Y.Z.

4. Outline Drawing

