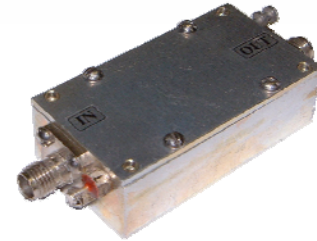


The MA850/0.8/200K-A is a Low Noise Amplifier and is suitable for broadband cellular applications. Its compact size makes it ideal for portable applications. This product was designed to significantly improve Noise Figure on system level with minimal impact on system gain.



Model: MA850/0.8/200K-A

1. Electrical Characteristics		
Item	Value	Note
Frequency Range	700 ~ 1000 MHz	
Gain	19 ± 1.0 dB (Typ.)	
Gain Flatness	± 1.0 dB (Typ.)	
Noise Figure	0.8 dB (Typ.) 1.2 dB (Max.)	
1dB Compression	+16 dBm (Typ.)	
3 rd Order Intercept Point	+30 dBm (Typ.)	2 CW tones of +5 dBm at 1-MHz spacing
Input VSWR	1.5:1 (Max.)	
Output VSWR	2:1 (Max.)	
Input/Output Impedance	50 Ω	
Max Input RF	+5 dBm	

2. Mechanical Characteristics	
RF IN/OUT Connector	SMA 4 Holes Female
DC Input	#8 Feed Thru
Dimensions	1.94" x 1.05" x 0.55"

3. Environment Characteristics	
Operating Temperature	-20°C ~ +50°C

Revision History			
REV	Reason to Change	Date	Initialed by

4. Outline Drawing

