



The **MP500/700/01OK-A** is suitable for 300 MHz to 1 GHz amplification. The amplifier is a design for low current operation, broadband and high dynamic range

PHOTO NOT AVAILABLE

Model: MP500/700/01OK-A

1. Electrical Characteristics		
Item	Value	Note
Frequency Range	300 ~ 1000 MHz	
Gain	19 dB (Min.)	
Gain Flatness	± 1.00 dB (Typ.)	Over Frequency Range
Input / Output Return Loss	< - 15 dB	
Noise Figure	2.5 dB (Typ.)	400 - 460 MHz @ 25°C
Output P1	+20 dBm (Min.)	
DC Input Voltage / Current	+12 VDC / 40 mA	Operating Range: +9VDC to +18VDC
Input /Output Impedance	50 Ω	
Input Max. without Damage	+15 dBm	

2. Mechanical Characteristics		
RF IN	N-male	
RF OUT	N-Female	
Dimensions	2.0" x 2.5" x 0.86"	
Weight	0.28 lb	

3. Environment Characteristics		
Operating Temperature	-20°C ~ +80°C	Base Plate

Revision History			
REV	Reason to Change	Date	Initialed by

4. Outline Drawing

