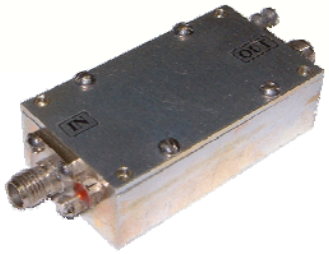


The **MA1000/1000/24OK-A** is a Low Noise Amplifier, suitable for various Broad Band applications. Its compact size makes it ideal for portable applications.

Model: MA1000/1.0/24OK-A

1. Electrical Characteristics

Item	Value	Note
Frequency Range	500 ~ 1500 MHz	
Gain	24 (Typ.)	
Gain Flatness	± 1.5 dB (Typ.)	Over Freq. Range
Noise Figure	2.2 dB (Typ.) 4.5 (Max.)	
1dB Compression	+23 dBm (Min.)	
3rd. Order Intercept Point	+34 dBm (Min.)	2 CW tones of +5 dBm at 1-MHz spacing
Input VSWR	2:1 (Typ.)	
Output VSWR	2:1 (Typ.)	
DC Input Voltage / Current	12 VDC / 300 mA (Max.)	
Input / Output Impedance	50 Ω	
Max Input RF	+15 dBm	

2. Mechanical Characteristics

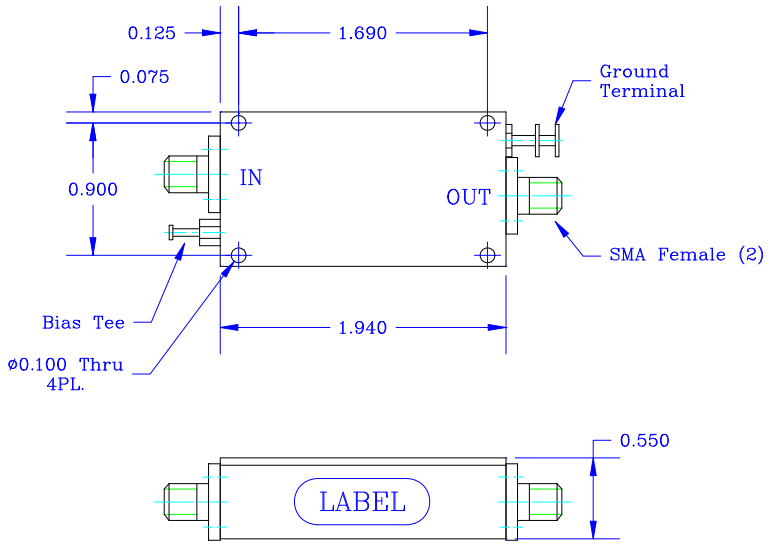
RF IN/OUT Connector	SMA 4 Holes Female
DC Input	#8 Feed Thru
Dimensions	1.94" x 1.05" x 0.55"

3. Environment Characteristics

Operating Temperature	-40° C ~ +90°C

Revision History			
REV	**Reason to Change**	**Date**	**Initialed by**

4. Outline Drawing



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