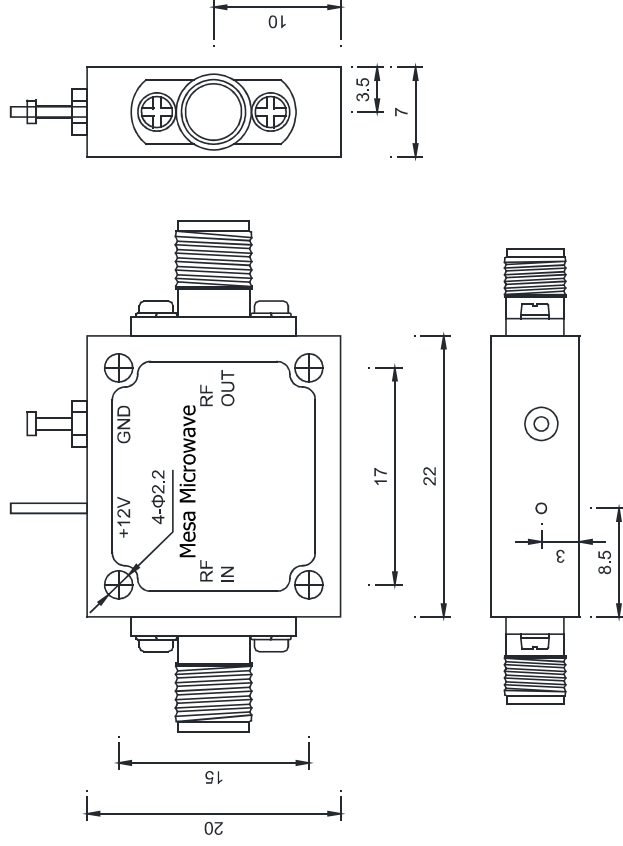


# WIDE BAND LOW NOISE AMPLIFIER



## OUTLINE DRAWING(mm):

The unit is ESD sensitive, please use proper ESD precautions. There is a limiter installed at the input of the amp to handle 30 dBm CW Power with no damage. The Limiter protects the amplifier from moderate level and not high level electronic static discharge in case the amplifier is installed directly to the antenna in EMC applications

## SPECIFICATIONS

Frequency Range: 0.1-18 GHz  
 Small Signal Gain: 30 dB Min  
 Small Signal Gain Flatness: ±2.5 dB  
 Noise Figure: (0.1 to 3 GHz) 4.5 dB Max  
 Noise Figure: (3 to 6 GHz) 4.0 dB Max  
 Noise Figure: (6 to 18 GHz) 3.5 dB Max  
 Output Power 1 dB Compression: 8 dBm  
 Max Input Power: 30 dBm  
 Operating Temp: -40 to +70C  
 Non-Operating Temp: -55C to 125C  
 Voltage: 12 to 15V  
 Current: 135 mA  
 Connectors: SMA(F)  
 Unit designed to meet MIL-STD-810F



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2460 W. Ray Rd., Ste. 2 Chandler, AZ 85224  
 T. 480.890.1612 F. 480-890-2150

DESCRIPTION :

**WIDE BAND LOW NOISE AMPLIFIER**

MODEL NO. :

**MMC-LNA-00118-3008**

Drawn: S. Smith  
 Date: 4/10/17

SIZE A  
 CAGE CODE : 6LBG8

REV CODE :

REV B

SCALE : N / A

ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME

SHEET 1 OF 1