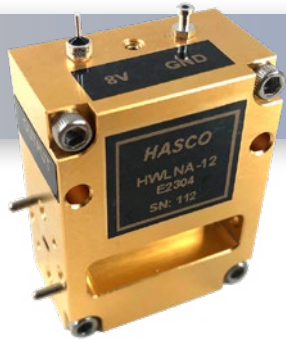


Part No:

# HWLNA12-E2304



## Low Noise Amplifier, WR-12, E-Band, 67 to 90 GHz

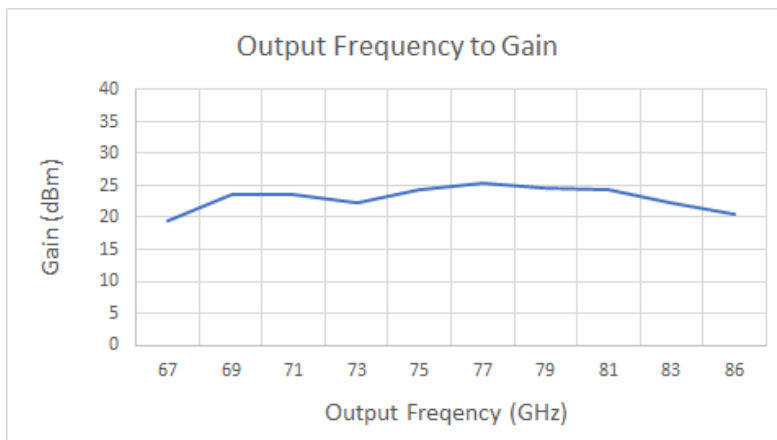
### Electrical

- Output Frequency 67 ~ 90 GHz
- Gain 23dB Typ.
- Noise Factor 4dB Typ.
- DC +7.5V to 12V @ 75 mA Typ.

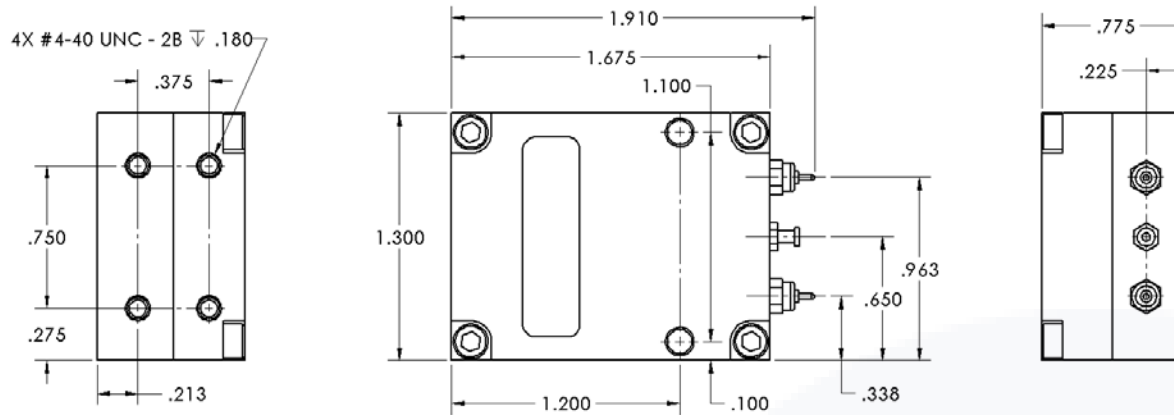
### Material

- Waveguide Gold Plated Aluminum
- Waveguide In/Out WR-12, UG-387/U

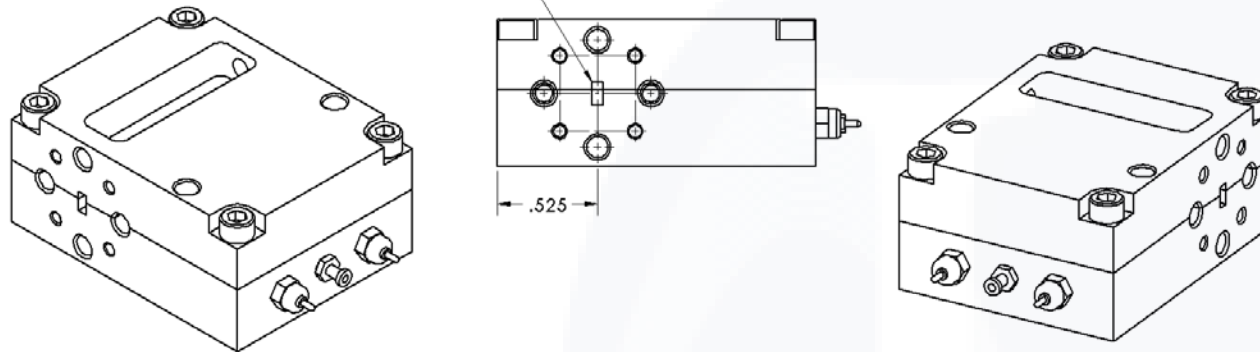
The HWLNA12-E2304 is a Full E-Band Low Noise Amplifier with a gain of 23 dB from 67 to 90 GHz. The Full Band Noise Figure is 4 dB typical. This LNA Bias operates with 7.5-12VDC. Internal reverse bias protection ensures reliability. This is an excellent full E-Band LNA for receivers, Down-Converters, and general lab use.



# Low Noise Amplifier, WR-12, E-Band | 67 ~ 90 GHz | Outline Drawing



WR-10, WR-12, or WR-15 Waveguide  
With standard Flange Pattern



LTR	DESCRIPTION	DATE	APPR.	DRAWN BY: <i>JMS</i>	CHECKED BY: <i>TAC</i>
-	RELEASE	05/20	TAC	APPROVED BY: <i>TAC</i>	
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MATERIALS:  
SEE DATA SHEET

CAGE CODE:  
0T8L4

SCALE:  
N/A

SIZE:  
A

FINISHES:  
SEE DATA SHEET

PART NO./DRAWING NO.

**HWLNA12-E2304**

REV:  
-