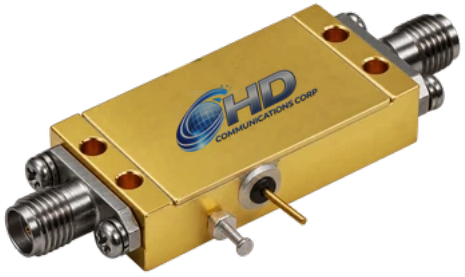
HD35281
Coax Low Noise Amplifier

FEATURES

Linear GaAsFET low noise hybrid design
Suitable for all single channel composite modulation standards
Designed for X-Band Radios, Radar, Telecomm, Satellite, Military, Space, MW links
Also suitable for general lab, commercial & Mil applications
Built-in regulator, sequencing, and protection circuits
High efficiency, reliability, and ruggedness
ECCN Number: EAR99



ELECTRICAL SPECIFICATIONS : 50Ω, 25°C

Parameter	Specification	Notes
Operating Frequency Range	9.37 - 10 GHz	
Linear Gain	33 dB Min	
Gain Flatness	1 dB p-p Max	
Power Output	+26 dBm Min	
Noise Figure	4.0 dB Max	
Input VSWR	1.5 : 1 Max	
Harmonics	-35 dBc Typ	
Operating Voltage	+8 VDC Nom	
Current Consumption	250 mA Typ	
Max Input Power	+3 dBm Max	
Gain Variation Over Temperature	-0.05 dB/°C	

ENVIRONMENTAL CHARACTERISTICS

Parameter	Specification	Notes
Operating Case Temperature	-40°C to 85 °C	
Storage Temperature	-55°C to +85 °C	Non-operating
Shock & Vibration	MIL-STD-810F	Designed to meet

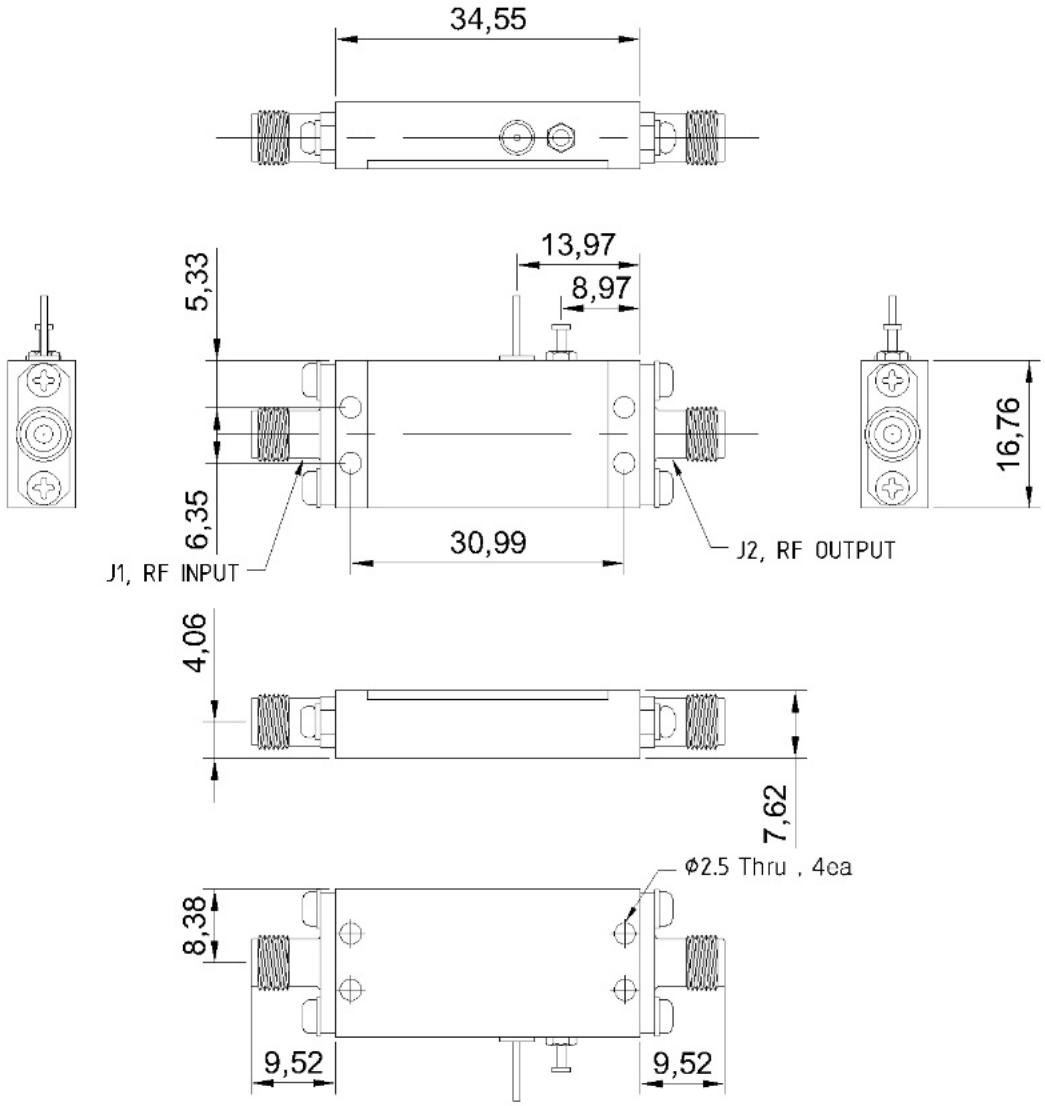
MECHANICAL SPECIFICATIONS

Parameter	Specification	Notes
Dimensions	34.55 x 16.76 x 7.62 mm	
Weight	15 gr.	
RF Connectors In/Out	SMA Female	

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www.rfamplifiers.com sales@hdcom.com. www.rfcomp.com
Specifications subject to change without notice. Specifications and drawings may vary with selected options.

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OUTLINE DRAWING



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