HD31911
Low Noise Amplifier Module

FEATURES

- Coax Low Noise Amplifier

ELECTRICAL SPECIFICATIONS

Parameter	Specification	Notes
Operating Frequency Range	10 - 1500 MHz	
Output Power @ P1dB G.C.P.	+5 dBm Min	
Linear Gain	30 dB Min	
Gain Flatness	±1.5 dB	
Non-Harmonic Spurious	-60 dBc Min	
Input / Output Return Loss	12 dB	
Input / Output Impedance	50 Ohm	
Noise Figure	2.0 dB Nom	10-100MHz is not guaranteed
DC Bias Voltage	15 VDC Nom / 80 mA Typ	

ENVIRONMENTAL CHARACTERISTICS

Parameter	Specification	Notes
Operating Case Temperature	-20 to +55 °C	
Storage Temperature	-40 to +70 °C	Non-Operating

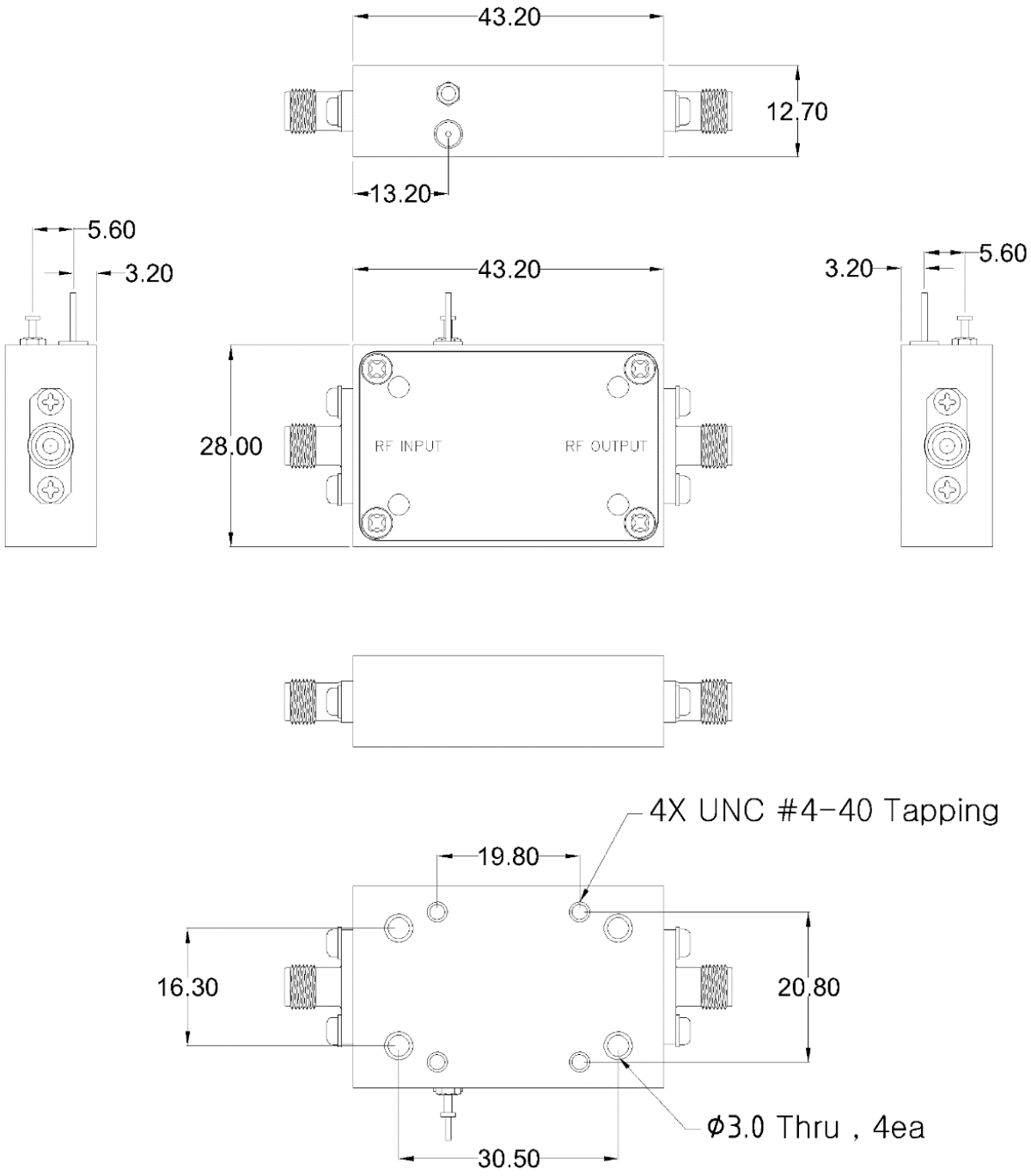
MECHANICAL SPECIFICATIONS

Parameter	Specification	Notes
Dimensions (L x W x H)	43.2 x 28 x 12.7 mm	Custom size available
Weight	40 gr Max	
Input / Output RF Connectors	SMA-Female	
DC Input	Feed Thru	
GND Connect	Solder Lug	

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OUTLINE DRAWING



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