HD32829
COAX Low Noise Amplifier

FEATURES

- ECCN Number: EAR99

ELECTRICAL SPECIFICATIONS

Parameter	Specification	Notes
Operating Frequency Range	8.0 - 8.5 GHz	
Linear Gain	50 dB Min	Note 1 - Output BPF
Gain Flatness	2 dB p-p Max	
Output Power @ P1dB	10 dBm Min	
3rd Order Intercept (IP3)	+20 dBm Min	
Noise Figure	50 K Max	0.69 dB
Input VSWR	1.5 : 1 Max	
Operating Voltage / Bias Current	+12 VDC / 250 mA Nom	
Input Power Protection	-30 dBm Max	

ENVIRONMENTAL CHARACTERISTICS

Parameter	Specification	Notes
Operating Case Temperature	-20 to +60 °C	
Storage Temperature	-45 to +85 °C	

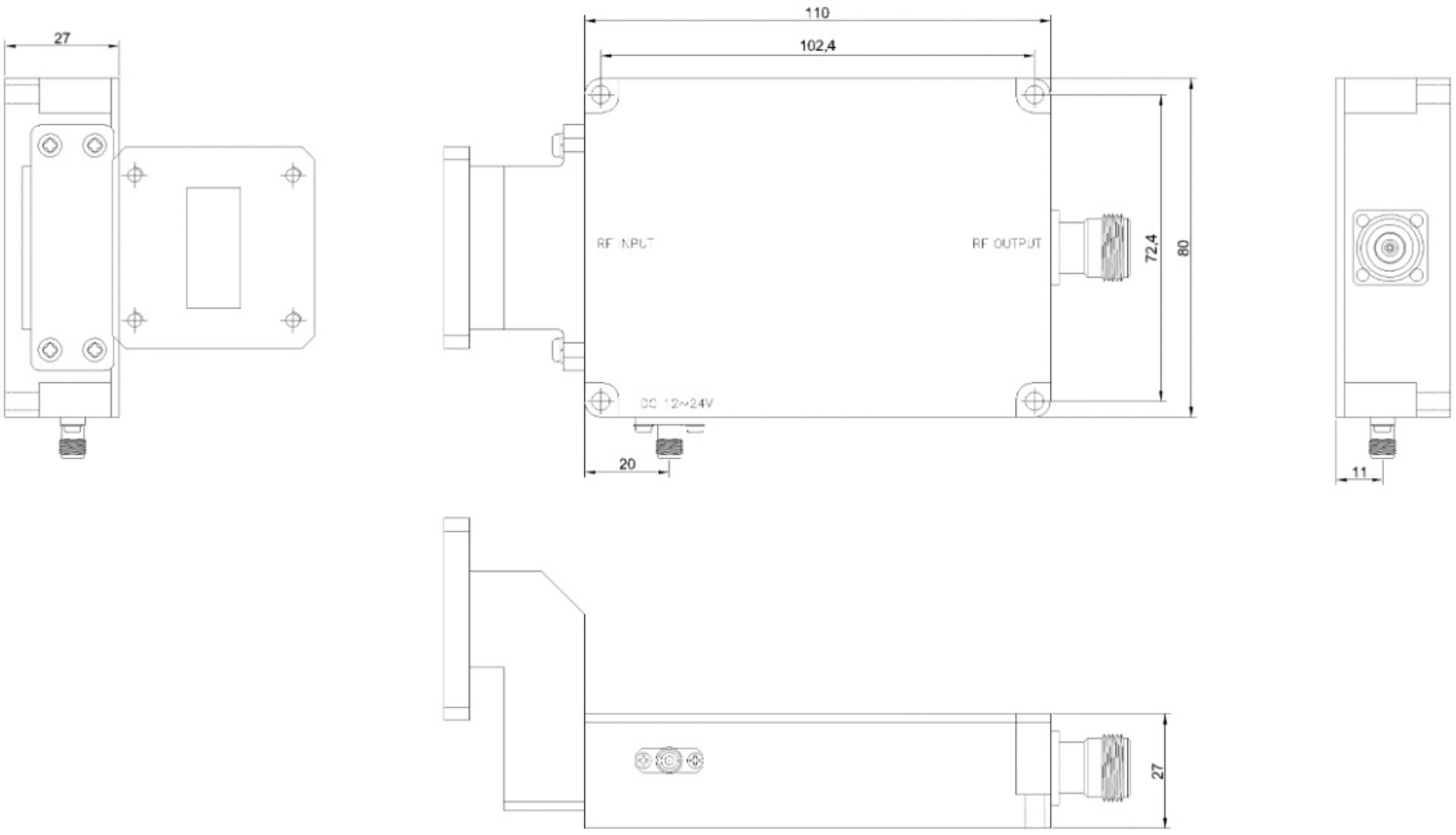
MECHANICAL SPECIFICATIONS

Parameter	Specification	Notes
Dimensions	110 x 80 x 27 mm	Excluding connectors
RF Connectors In/Out	WR112 / N-F	

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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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