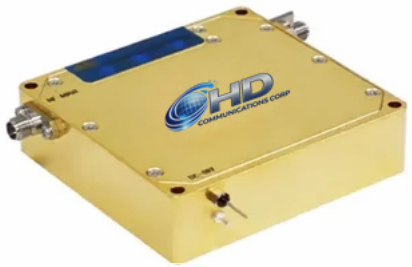
HD31942
Medium Power Amplifier

FEATURES

- Coax Power Amplifier
- ECCN: 3A001b.2.d



ELECTRICAL SPECIFICATIONS : 50Ω, 25ºC

Parameter	Specification	Notes
Operating Frequency Range	26.5 - 40 GHz	
Power Output @ Psat	34 dBm Min	
Output Power @ P1dB G.C.P.	30 dBm Min	
Linear Gain	36 dB Min	
Gain Flatness	±2.2 dB Typ / ±3.5 dB Max	
Input VSWR	2 : 1 Typ	
Noise Figure	6 dB Typ	
Operating Voltage	8 VDC Nom	
Current Consumption	<7 Amp Typ / 7.5 AMP Max	

ENVIRONMENTAL CHARACTERISTICS

Parameter	Specification	Notes
Operating Case Temperature	-20 to +60 ºC	
Storage Temperature	-40 to +70 ºC	Non-operating

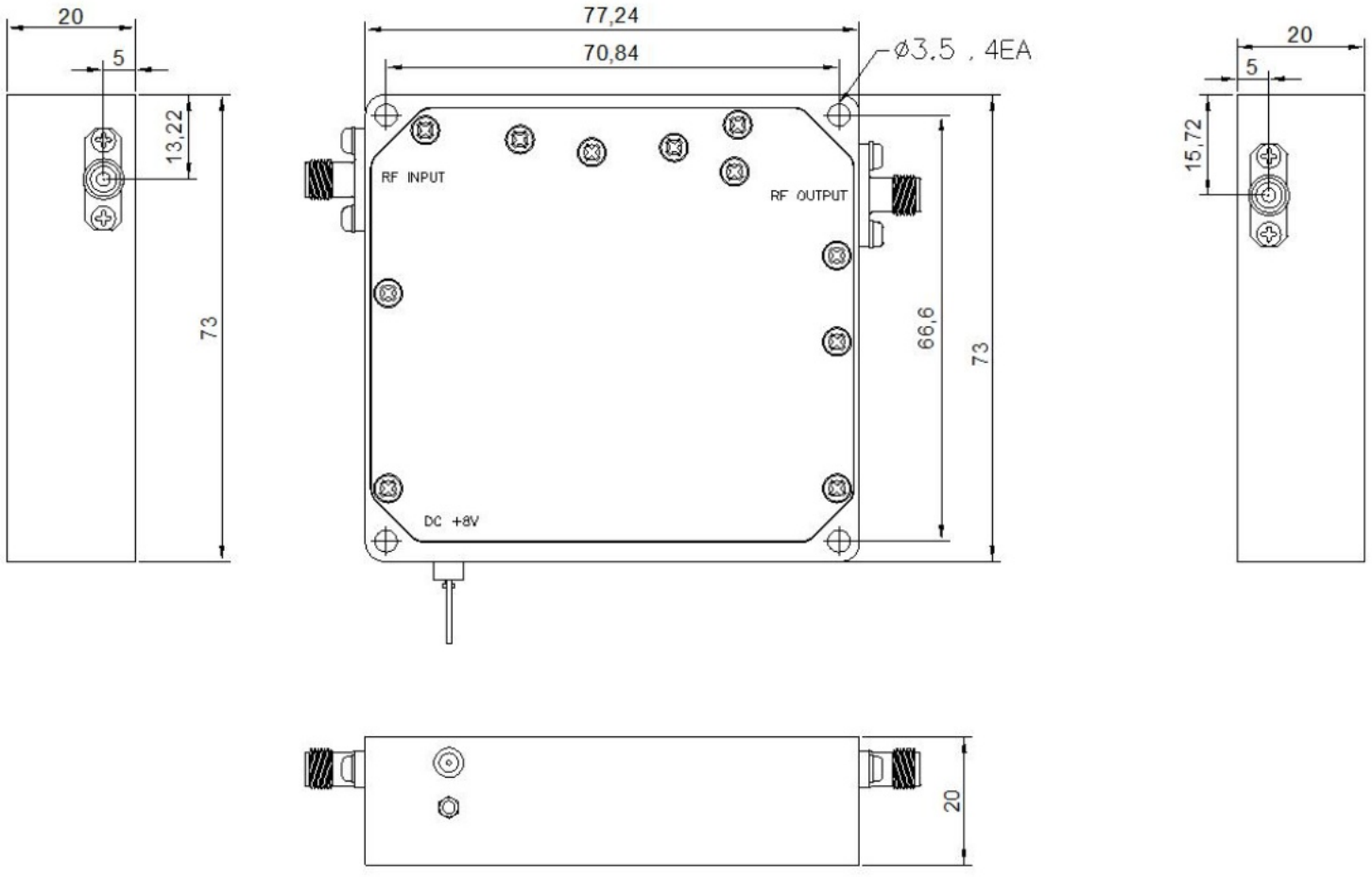
MECHANICAL SPECIFICATIONS

Parameter	Specification	Notes
Dimensions	77 x 73 x 20 mm	
Weight	215 gr	
Input / Output RF Connectors	2.9 mm K-Female	

338 Jericho Turnpike, Suite 387, Syosset NY, 11791 (631)-588-3877
www.rfamplifiers.com sales@hdcom.com. www.rfcomp.com
Specifications subject to change without notice. Specifications and drawings may vary with selected options.

HD31942
Medium Power Amplifier

OUTLINE DRAWING



338 Jericho Turnpike, Suite 387, Syosset NY, 11791 (631)-588-3877
www.rfamplifiers.com sales@hdcom.com. www.rfcomp.com
Specifications subject to change without notice. Specifications and drawings may vary with selected options.