HD31939
Medium Power Amplifier

FEATURES

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

ELECTRICAL SPECIFICATIONS

Parameter	Specification	Notes
Operating Frequency Range	26.5 - 40 GHz	
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	
DC Bias Voltage	8 VDC Nom / 4.6 Amp Max	

ENVIRONMENTAL CHARACTERISTICS

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

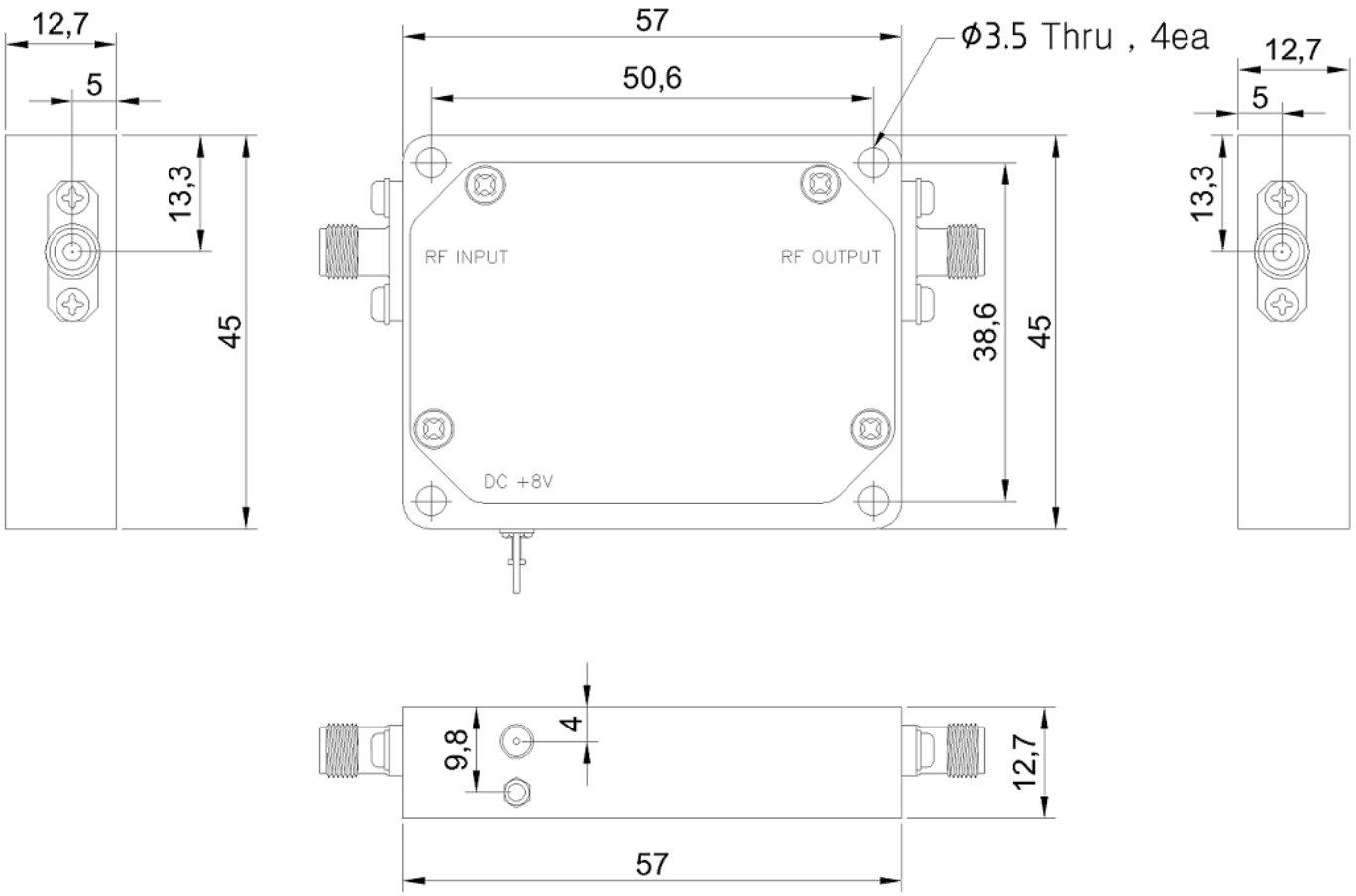
MECHANICAL SPECIFICATIONS

Parameter	Specification	Notes
Dimensions (L x W x H)	57 x 45 x 12.7 mm	
Input / Output RF Connectors	2.9 mm K-Female	

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OUTLINE DRAWING



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