HD31942
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 @ 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	
DC Bias Voltage	9 VDC	

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)		
Input / Output RF Connectors	2.9 mm K-Female	

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