HD31921
Low Noise Amplifier

FEATURES

- **Inspection System: Mil-I-45208A**

ELECTRICAL SPECIFICATIONS

Parameter	Specification	Notes
Operating Frequency Range	9.410 GHz	
Small Signal Gain	25 dB Max	
P1dB	8 dBm Typ	
Input Power Handling	+10 dBm Max	
Noise Figure	1.0 dB Max	
Supply Voltage	+12 VDC Nom	
Current	75 mA Typ	
VSWR Input/Output	2 : 1	

ENVIRONMENTAL CHARACTERISTICS

Parameter	Specification	Notes
Operating Case Temperature	+25 °C	
Storage Temperature	-40 to +70 °C	Non-operating

MECHANICAL SPECIFICATIONS

Parameter	Specification	Notes
Dimensions	1.13 x 0.76 x 0.33 Inch	
Connectors (RF Ports)	SMA Female	

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