

FEATURES

- GaAs FET design Coax Power Amplifier
- ECCN: 3A001b.2.d



ELECTRICAL SPECIFICATIONS

Parameter	Specification	Notes
Operating Frequency Range	17.7 - 21.3 GHz	
Output Power @ Sat	20 dBm Typ	CW
Linear Gain	15 dB Min	
Noise Figure	2 dB Max	
3 rd Order Intercept Point	+30 dBm Min	
Gain Flatness	±2.2 dB Typ	
Input VSWR	2 : 1 Typ	
Noise Figure	8 dB Typ	
DC Bias Voltage	9 VDC Nom / 0.5 Amp Typ	

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)	43.2 x 28 x 12.7 mm	
Input / Output RF Connectors	SMA-Female	



**LNA3014-1
LOW NOISE AMPLIFIER**

OUTLINE DRAWING