



LNA1008 Coax Low Noise Amplifier

FEATURES:

- ECCN Number: EAR99

ELECTRICAL SPECIFICATIONS

Parameter	Specification	Notes
Operating Frequency Range	4.39-5.01GHz	
Linear Gain	40dB \pm 2dB	Max
Gain Flatness	\pm 8dB Max Over Full Band \pm 2dB over any 20 MHz Band	
P1dB	10dBm	Typical
Noise Figure	1.0dB Typical	1.2dB Max
Maximum Input Power	TBD	
DC Bias Voltage	+5V	Typical

MECHANICAL SPECIFICATIONS

Parameter	Specification	Notes
Dimensions	1.4 x 1.1 x 0.5 (L x W x H)	Inches
Temperature Range (Operating)	-40°C to +60°C	
Temperature Range (Storage)	-55°C to +85°C	
Connectors (RF Input)	SMA Male	
Connectors (RF Output)	SMA Female	