

# Delta Datasheet

## Technical Data on Delta Microwave Products

### GPS Low Noise Amplifier

#### Model **L5001**



#### ***Features:***

Low Noise  
High Performance  
Low Cost  
Large Voltage operation

#### **Specifications:**

#### **Description:**

The L5001 GPS Low Noise Amplifier was developed for high performance, low noise applications.

The LNA design uses a two stage discrete amplifier design for ruggedness, and low noise figure.

The Housing is machined from solid 6061 T-6 aluminum and chem film per MIL standards (nickel is never allowed in any of our plating processes). The circuit board is made from FR4 fiberglass and the entire assembly is conformal coated after tuning for optimum longevity. Delta Microwave only uses the highest quality materials for the construction of this LNA.

For more information on custom GPS products, Delta Microwave can be contacted via the Internet at <http://www.deltamicrowave.com>. Or you can call or fax your request Delta Microwave, or contact one of our sales representatives in your area.

Passband .....	1200 to 1600 MHz
Gain .....	25 $\pm$ 3 dB
Noise Figure .....	1.0 dB MAX (0.6 Typ.)
VSWR.....	2:1 dB MAX (1.5:1 Typ.)
Power Handling.....	+ 12 dBm
Connectors.....	SMAF
Operating Temperature.....	-50 to +70°C
Voltage .....	+7 to +30 VDC @ 75 mA

