



Model Number L5699

Space Qualified GPS Filter/Amplifier

Rev. -
06/11/12



Features:

- L1+L2 Operation
- Low Noise Figure
- Floating Ground

Applications:

- Booster
- Re-Entry Vehicle
- Test Equipment

Package size:

- 4.9" x 1.9" x 1.8"

(Please see outline for exact dimensions)

Electrical Specifications

Passband	1217 to 1237 MHz 1565 to 1585 MHz
Rejection	
Below 1127 MHz	60 dB minimum
1327 MHz to 1475 MHz	60 dB minimum
1675 MHz to 10 GHz	60 dB minimum
Gain	46 ±2 dB
Gain Flatness	±1 dB
1 dB Compression	-10 dBm minimum
Steady-State Power Handling	50mW CW
Peak Power Handling (10µsec width duty cycle of 1ms)	2 W
VSWR	2.0:1
Noise Figure	3.0 dB maximum
Power Isolation	1MΩ between any of the power connector pins and the LNA case
Current Draw	125mA maximum during operation at 28VDC
Operating Temperatures	-24 to +61°C
Connectors	SMA Female



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Written By Approved By

Delta Microwave reserves the right to change specifications without notice. Please verify specification revision letter upon order placement.