



Model Number L54129 GPS Filter/Amplifier

Rev.-
11/14/05

Features:

- Cavity Design
- Low Loss
- L2 Reference port

Applications:

- Maritime
- Airborne
- Mobile
- Timing
- Test Equipment

Package size:

- 1.5 x 3.0 x 3.0"

(Please see outline for exact dimensions)



Specifications: (+25C)

| | |
|-------------------|---|
| Passband | 1575.42 +/- 8 MHz |
| 3 dB Bandwidth | +/- 10 MHz min |
| Gain | 25 +/- 2dB |
| Gain Flatness | +/- 0.5 dB |
| Noise Figure | 1.5 dB max, 1.0 typ |
| Gain Compression | +10 dBm min |
| VSWR (input) | 1.3:1 |
| VSWR (output) | 1.5:1 |
| Rejection | 50 dB from 1315 to 1495 MHz |
| Rejection | 50 dB from 1625 to 2000 MHz |
| DC Requirements | +7 to +32 VDC @ 60 mA max (via output connector) |
| L2 reference port | 1227.6 MHz. < 1.0 dB loss > 2:1 VSWR |
| Connectors | SMA Female |



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