

GPS Filter Amplifier L54109



Specifications are subject to change without notice

Electrical Specifications (+25°C)

Parameter	Value
Center Frequencies	1227.6 and 1575.42 MHz
Gain	+25 +/- 3 dB
Passband Ripple	1 dB maximum
Gain Variation	2 dB maximum
-3 dB Bandwidth	± 10.23 MHz minimum
-40 dB Bandwidth	± 70 MHz maximum
-60 dB Bandwidth	± 122.5 MHz maximum
V.S.W.R.	2:1 maximum Connectors SMA Female
RF Input Power	1 Watt Continuous, 450 Watts for 10 microseconds, duty cycle 0.1% Noise Figure 2.5 dB maximum
Output Power	+15 dBm minimum at 1 dB compression point Output Protection Unit must be stable under any load without damage
Power Requirements	+7 to +35 VDC @ 200 ma maximum
Size	0.63" x 3.5" x 4.0"
Temperature	-40° C to +85° C
Operating Vibration	4 Hz to 33 Hz per MIL-STD-167 for mast-mounted equipment
Shock	9 hammer blows as specified in MIL-S-901, Type A, Grade A, Class I

Need More Help? Need a Variant of This Product?

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Corporate Headquarters • 50 Minuteman Road • Andover, MA 01810 USA • (978) 967-1401 • (866) 627-6951 • Fax (978) 256-3599 • www.mrcy.com

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