

# GPS Filter Amplifier L54113



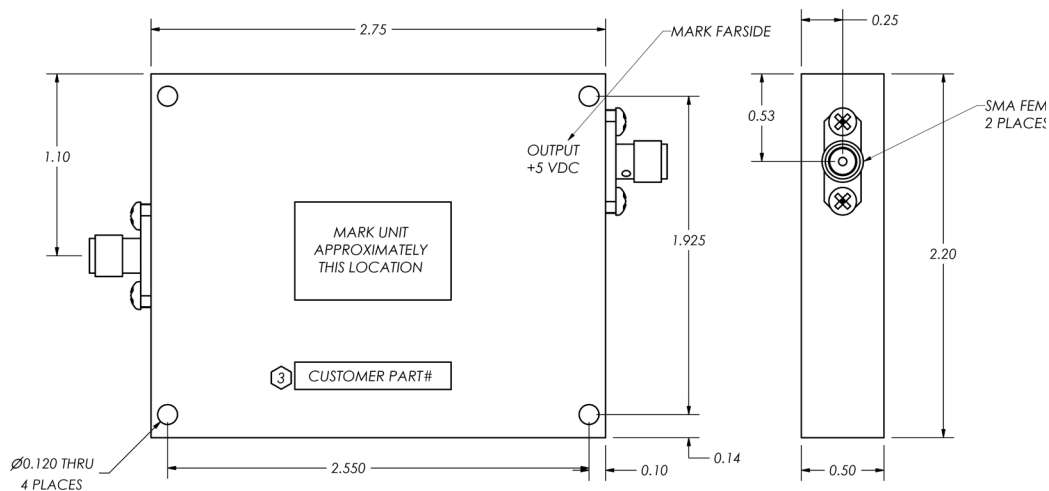
Specifications are subject to change without notice

## Electrical Specifications (+25°C)

Parameter	Value
L1 Passband	1575.4 +/- 10 MHz
L2 Passband	1227.6 +/- 10 MHz
1 dB Bandwidth	+/- 13 MHz Minimum
Gain	19 – 29 dB
Noise Figure	2.5 dB
VSWR	1.6:1
3 dB Bandwidth	+/- 17 to +/- 33 MHz
20 dB Bandwidth	+/- 50 MHz
50 dB Bandwidth	+/- 150 MHz
Ultimate Rejection	40 dBc from 1 to 14,000 MHz

Parameter	Value
DC Power	5 +/- .5 VDC @ 0.040 Amps (via RF output connector)
In-band power handling	0.1 Watts
Out-of-band power handling	8 Watts
Maximum Output Power	+ 12 dBm
Operating Temperature	-54 - +80°C
Sealing	Gross Leak per MIL-STD-202, Method 112 Cond. D
Connectors	SMA Female
Finish	Haze Grey per MIL-P-24441, Typ. I
Size	0.5" x 2.2" x 2.75"

## Outline Drawing



All dimensions are in inches

## Need More Help? Need a Variant of This Product?

Contact Mercury's RF & Microwave engineering team at [rf.microwave@mrcy.com](mailto:rf.microwave@mrcy.com) or visit [www.mrcy.com/rf](http://www.mrcy.com/rf) for a detailed listing of RF and Microwave products.



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