

Ultra Linear GPS Filter/Amplifier L59103



Specifications are subject to change without notice

Specifications

Parameter	Value
Passband	1560.42 to 1590.42 MHz
Input VSWR	≤ 1.5:1 Max
Output VSWR	≤ 1.5:1 Max
RF Gain @ 1575.42 MHz	48 ± 3 dB
Noise Figure	≤ 2.0 dB @+25°C
Passband Ripple-Amplitude (p-p)	≤ 1.5 dB
Passband Ripple-Group Delay (p-p)	≤ 2 nsec
Attenuation @ 1575 ± 50 MHz	≥ -80 dB
1 dB Compression Point @ 1575.42 MHz	≥ +10 dBm
Passband	1212.6 to 1242.6 MHz
Input VSWR	≤ 1.5:1 Max
Output VSWR	≤ 1.5:1 Max
RF Gain @ 1227.6 MHz	48 ± 3 dB
Noise Figure	≤ 2.0dB @+25°C
Passband Ripple-Amplitude (p-p)	≤ 1.5 dB
Passband Ripple-Group Delay (p-p)	≤ 2 nsec
Attenuation @ 1227 ± 50 MHz	≥ -80 dB
1 dB Compression Point @ 1227.6 MHz	≥ +10 dBm
Input Voltage	+7 to +34 Vdc
Operating Temperature	-50°C to +70°C
Package Size	2.0 x 5.75 x 9.0"

Features

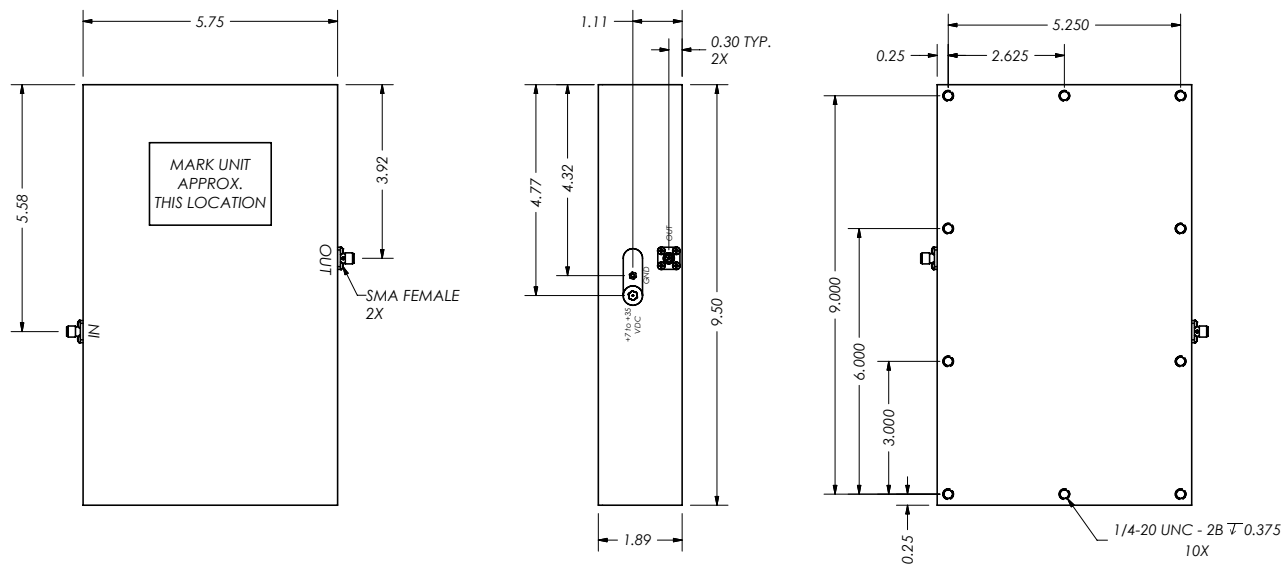
- L1+L2 Operation
- Ultra Linear Delay Passband
- Low Noise Figure
- Cavity Filter
- Discreet Amplifier
- Excellent out-of-band attenuation
- Sealed Enclosure

Applications

- Base Station
- Test Equipment



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@rcy.com or visit www.rcy.com/rf for a detailed listing of RF and Microwave products.



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