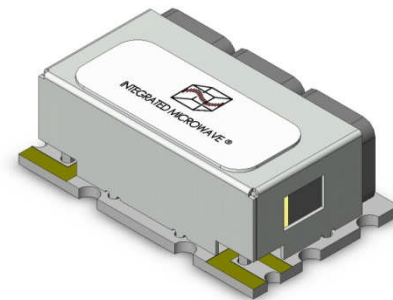


## GPS (L1) Bandpass Filter – 3 Pole

### Features/Benefits

- High Q ceramic
- Surface mount
- Low cost
- RoHS-compliant version available



Parameter	Specification												
Center Frequency (Fo)	1575.42 MHz												
Passband (PB)	F0 ± 6 MHz												
Insertion Loss	< 1.25 dBa @ Fo < 0.5 dBc over PB												
Return Loss	14 dB over PB												
Linear Phase Deviation	5 degree Peak to Peak over PB												
Rejection	<table border="0"> <tr> <td>-19 dBc min @ Fo ± 60 MHz</td> <td>-15 dBc min @ 1525.42 MHz</td> </tr> <tr> <td>-24 dBc min @ Fo ± 70 MHz</td> <td>-19 dBc min @ 1625.42 MHz</td> </tr> <tr> <td>-32 dBc min @ Fo ± 100 MHz</td> <td>-40 dBc min @ 1710.42 MHz</td> </tr> <tr> <td>-52 dBc min @ 960 MHz</td> <td>-52 dBc min @ 2000 MHz</td> </tr> <tr> <td>-32 dBc min @ 1315 MHz</td> <td>-40 dBc min over 2000 – 2500 MHz</td> </tr> <tr> <td>-40 dBc min @ 1445.42 MHz</td> <td></td> </tr> </table>	-19 dBc min @ Fo ± 60 MHz	-15 dBc min @ 1525.42 MHz	-24 dBc min @ Fo ± 70 MHz	-19 dBc min @ 1625.42 MHz	-32 dBc min @ Fo ± 100 MHz	-40 dBc min @ 1710.42 MHz	-52 dBc min @ 960 MHz	-52 dBc min @ 2000 MHz	-32 dBc min @ 1315 MHz	-40 dBc min over 2000 – 2500 MHz	-40 dBc min @ 1445.42 MHz	
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Group Delay	5 ns Max variation over PB												
Package Outline	IMC Document Number 620830												
Temperature, Operating	-40 C to +85 C												
Temperature, Storage	-55 C to +125 C												
Temperature, Soldering	+215 C MAX (use convective reflow)												
Mechanical Dimensions	0.810 x 0.500 x 0.290 inches [20.57 x 12.70 x 7.37 mm]												

