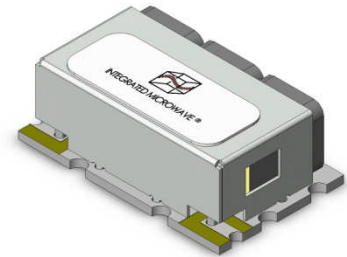


GPS (L2) Bandpass Filter – 3 Pole

Features/Benefits

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



Parameter	Specification	
Center Frequency (Fo)	1227.6 MHz	
Passband (PB)	F0 ± 12 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	-32 dBc min @ Fo ± 70 MHz -35 dBc min @ Fo ± 100 MHz -40 dBc min @ Fo ± 135 MHz -52 dBc min @ 960 MHz -24 dBc min @ 1167.6 MHz	-19 dBc min @ 1177.6 MHz -24 dBc min @ 1287.6 MHz -32 dBc min @ 1315 MHz -52 dBc min @ 2000 MHz -40 dBc min over 2000 – 2500 MHz
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]	

