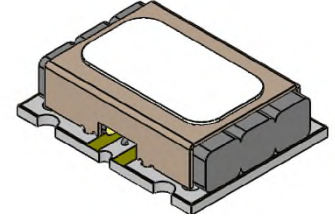


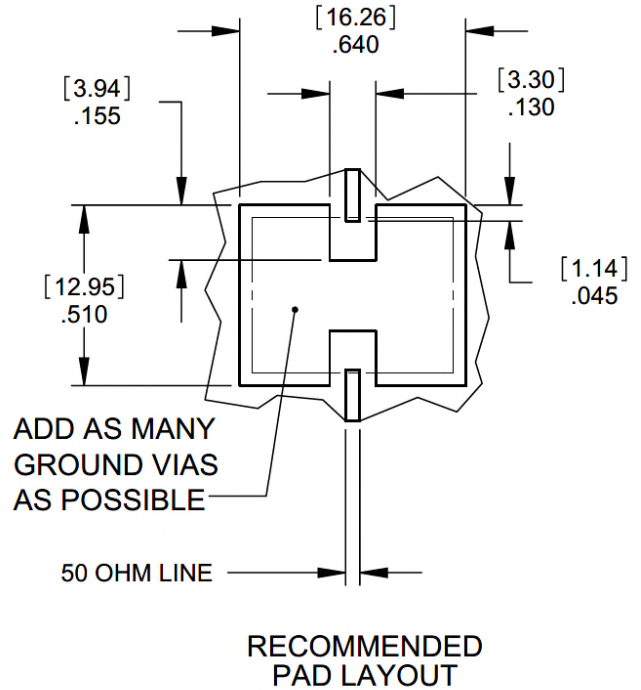
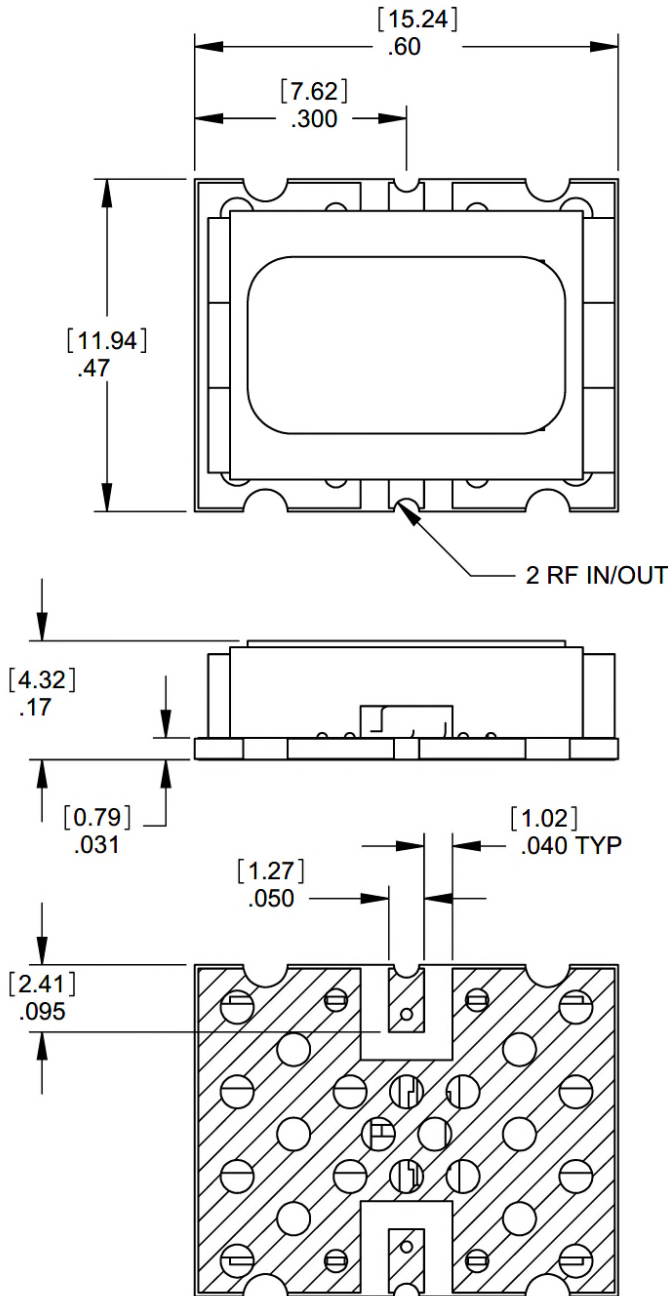
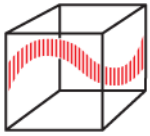
GPS (L1, L2 band) Dual Passband Filter – 6 Pole

Features/Benefits

- High Q ceramic
- Low insertion loss
- Low cost
- Surface mount
- Small size
- RoHS-compliant version available



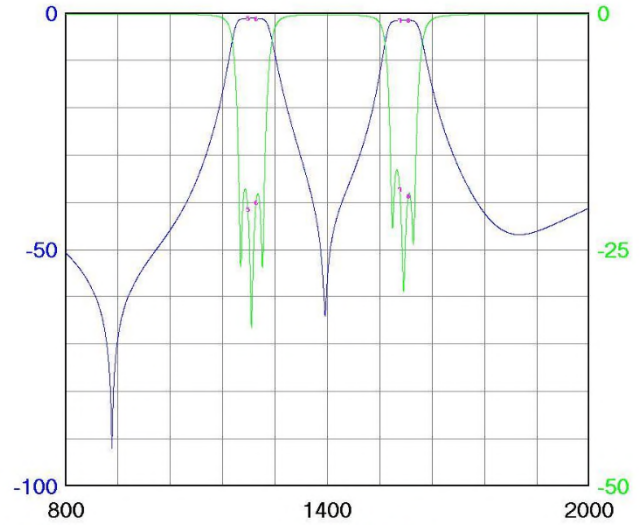
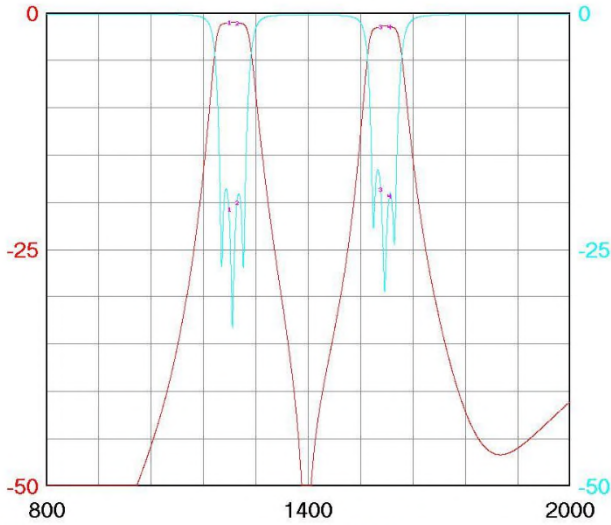
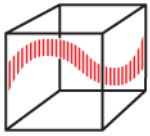
Parameter	Specification	
	L1 Channel	L2 Channel
Center Frequency (Fo)	1575.4 MHz	1227.6 MHz
Insertion Loss	< 1.5 dBa over the passband	<1.5 dBa over the passband
Passband	1575.4 ± 10 MHz, min	1227.6 ± 10 MHz, min
Return Loss	12 dB over 100% of the BW	12 dB over 100% of the BW
Rejection	-30 dBc min from 50 MHz to 1100 MHz -25 dBc min from 1262 MHz to 1475 MHz -30 dBc min from 1730 MHz to 2000 MHz	-30 dBc min from 50 MHz to 1100 MHz -25 dBc min from 1262 MHz to 1475 MHz -30 dBc min from 1730 MHz to 2000 MHz
Package Outline	IMC Document Number 623445	
Temperature, Operating	-40 C to +85 C	
Temperature, Storage	-55 C to +125 C	
Temperature, Soldering	+215 C MAX (use convective reflow)	
Mechanical Dimensions	0.60 x 0.47 x 0.17 inches [15.24 x 11.94 x 4.32 mm]	



UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES.

TOLERANCES ARE:

INCHES	MILLIMETERS
.XX ± .02	[X.X] ± .5
.XXX ± .020	[X.XX] ± .51
.XXXX ± .0020	[X.XXX] ± .051



DB[S21] --	DB[S11] --	DB[S21] --	DB[S11] --
1217.5	1236.5	1565.5	1585.5
-0.924923	-0.930297	-1.32644	-1.31402
-20.6997	-19.9528	-18.578	-19.2587

DB[S21] --	DB[S22] --	DB[S21] --	DB[S22] --
1217.5	1236.5	1565.5	1585.5
-0.924923	-0.930297	-1.32644	-1.31402
-20.6997	-19.9528	-18.578	-19.2587