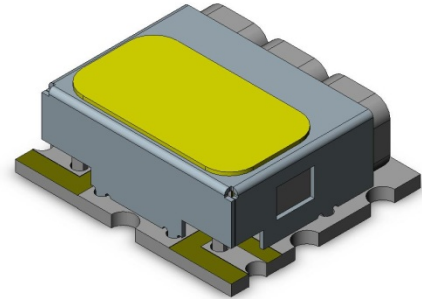


## GPS L1 Filter

IDBP29-1575.42-20-3-0-S11H-Z-Z-T20-N2

### Features/Benefits

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



Parameter	Specification
<b>IMC PN</b>	<b>938660, 4mm, 3-pole Ceramic bandpass filter</b>
Center Frequency (Fo)	1575.42 MHz (GPS L1 band)
Insertion Loss	< 1.75 dBa over PB
Passband (PB)	1575.42 ± 10 MHz, min
Return Loss	15 dB over PB
Rejection	-50 dBc min @ 900 MHz -3 dBc min @ 1507.92 MHz, 1642.92 MHz -45 dBc min @ 1237 MHz
Package	SMT
Temperature, Operating	-40C to +85C
Temperature, Storage	-55C to +125C
Temperature, Soldering	+215C MAX (use convective reflow)
Mechanical Dimensions	0.570 x 0.500 x 0.210 inches [14.48 x 12.70 x 5.33 mm <sup>3</sup> ]

