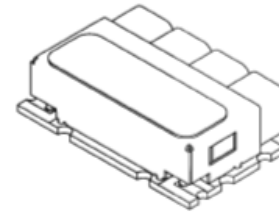


# GPS L5 Filter

(Enhanced high side rejections)

IDBP23-1176-10-42-S11-Z-Z-T20-N2



**RoHS Available**

## Features/Benefits

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

Parameter	Specification
<b>IMC PN</b>	<b>937957, 5mm, 4-pole Ceramic bandpass filter</b>
Center Frequency (Fo)	1176.45 MHz (GPS L5 band)
Insertion Loss	< 1.2 dBa over PB
0.1 db passband (PB)	1176.45 ± 5 MHz, min
Return Loss	16 dB over PB
Rejection	-37 dBc min @ 1290 MHz -60 dBc min @ 1800 MHz -60 dBc min @ 1000 MHz
Package	SMT
Temperature, Operating	-30C to +60C
Temperature, Storage	-55C to +125C
Temperature, Soldering	+215C MAX (use convective reflow)
Mechanical Dimensions	0.890 x 0.600 x 0.250 inches [22.61 x 15.24 x 6.35 mm <sup>3</sup> ]

