

## Features

- Low Insertion Loss
- High Attenuation
- Compact Size
- Surface Mount

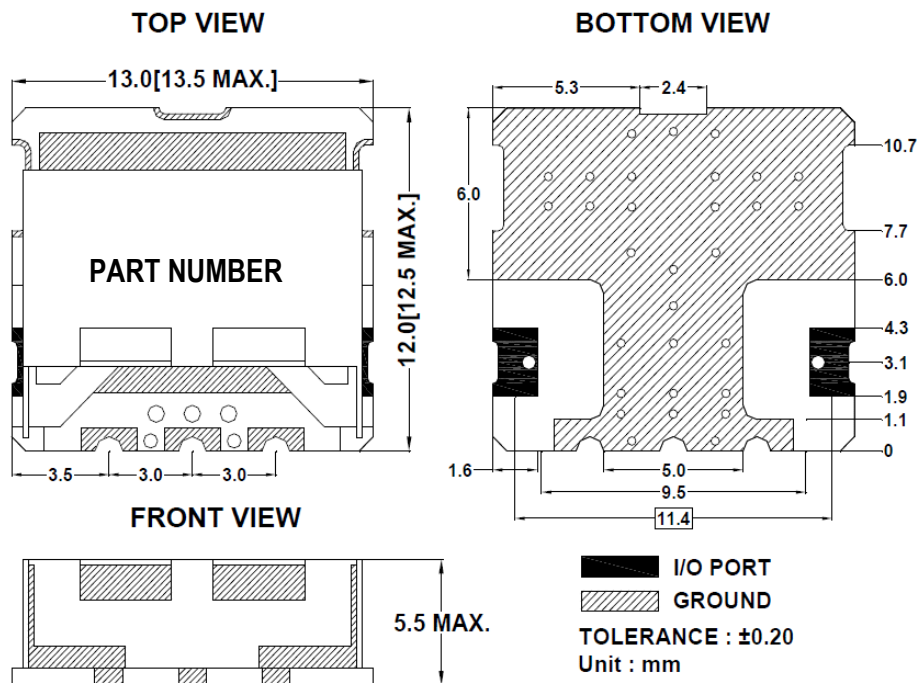
## Descriptions

Surface mount discrete resonator ceramic bandpass filter developed for GPS band applications.

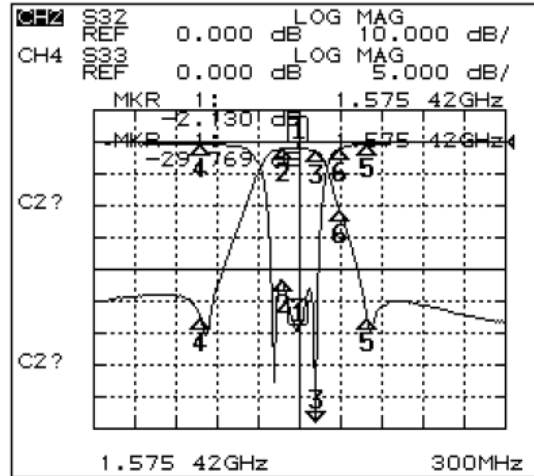
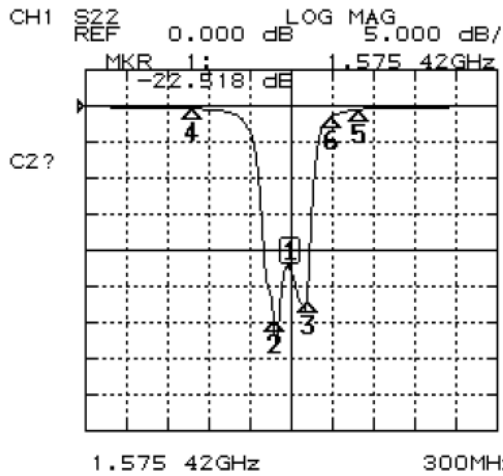
## Electrical Specifications

Parameter	Unit	Specification
Center Frequency (Fc)	MHz	1575.42
Passband Frequency Range	MHz	1563.42-1587.42
Insertion Loss @ Fc	dB	3.0 max
Passband Flatness	dB	1.0 max
Return Loss in Passband	dB	18.0 min
Attenuation	dB	50 min @ 1504.42, 1625.42 MHz
		20 min @ 1605.42MHz
Operating Input Power	Watts	2.0 CW max
IN/OUT Impedance	Ohm	50
Operating Temperature	°C	-40 ~ +85
Dimensions (Excluding Connectors)	mm	13.5 x 12.5 x 5.5 (L x W x H)
RoHS	-	Yes

## Mechanical Drawing



## Electrical Response



CH2 MARKER LIST			
1	1.575	420GHz	-2.130
2	1.57633	420GHz	-21.771
3	1.57807	420GHz	-43.861
4	1.5804	420GHz	-10.322
5	1.5825	420GHz	-1.004
6	1.605	420GHz	-21.466

CH4 MARKER LIST			
1	1.575	420GHz	-29.769
2	1.57633	420GHz	-21.771
3	1.57807	420GHz	-43.861
4	1.5804	420GHz	-10.322
5	1.5825	420GHz	-1.004
6	1.605	420GHz	-21.466