

**Features**

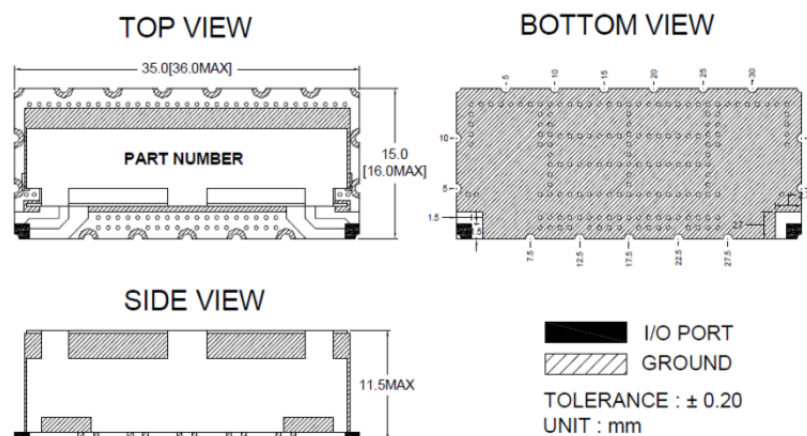
- High Selectivity
- Low Loss
- Compact Size
- Surface Mount

**Descriptions**

Surface mount ceramic bandpass filter developed for GPS L band applications.

**Electrical Specifications**

| Parameter                  | Unit | Specification              |
|----------------------------|------|----------------------------|
| Center Frequency (Fc)      | MHz  | 1575                       |
| Passband Frequency Range   | MHz  | 1454-1615                  |
| Insertion Loss in Passband | dB   | 2.5 max                    |
| Passband Ripple            | dB   | 0.5 max                    |
| Return Loss in Passband    | dB   | 15.0 min                   |
| Attenuation at Reject Band | dB   | 20 min @ 1538 MHz          |
|                            |      | 20 min @ 1624 MHz          |
| Group Delay Variation      | nS   | 5 max                      |
| IN/OUT Impedance           | Ohm  | 50                         |
| Input Average Power        | Watt | 3 max                      |
| Operating Temperature      | °C   | -40 ~ +85                  |
| Dimensions (max)           | mm   | 36 x 16 x 11.5 (L x W x H) |
| RoHS                       | -    | Yes                        |

**Mechanical Drawing**


## Simulation Response

