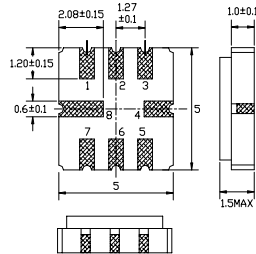


**1. Package Dimension** Unit: mm

| Pin No. | Function    |
|---------|-------------|
| 1       | Input       |
| 5.      | Output      |
| 4,8     | Case Ground |
| Other   | Ground      |

**2. Electronic Characteristics**

Electrostatic Sensitive Device (ESD)

| Item   | Unit               | Min. | Typ.   | Max. |
|--|--------------------|------|--------|------|
| Center Frequency (fo)                                    | MHz                |      | 315.00 |      |
| Minimum Insertion Attenuation<br>314.80 MHz ~ 315.20 MHz | dB                 |      | 3.0    | 5.0  |
| Pass Band  |                    |      |        |      |
| 314.75 MHz ~ 315.24 MHz                                  | dB                 |      | 1.5    | 3.0  |
| 314.69 MHz ~ 315.30 MHz                                  | dB                 |      | 2.0    | 6.0  |
| Relative Attenuation                                     |                    |      |        |      |
| 10.0 MHz ~ 270.0 MHz                                     | dB                 | 45.0 | 50.0   |      |
| 270.0 MHz ~ 309.0 MHz                                    | dB                 | 35.0 | 40.0   |      |
| 309.0 MHz ~ 314.0 MHz                                    | dB                 | 15.0 | 20.0   |      |
| 316.0 MHz ~ 335.0 MHz                                    | dB                 | 10.0 | 15.0   |      |
| 335.0 MHz ~ 400.0 MHz                                    | dB                 | 35.0 | 40.0   |      |
| 400.0 MHz ~ 1000.0 MHz                                   | dB                 | 45.0 | 50.0   |      |
| Impedance  |                    |      | 950 // |      |
| Input: $Z_{IN} = R_{IN} // C_{IN}$                       | //pF               |      | 3.18   |      |
| Output: $Z_{OUT} = R_{OUT} // C_{OUT}$                   | //pF               |      | 960 // |      |
|  |                    |      | 3.14   |      |
| Temperature Coefficient of Frequency                     | Ppm/K <sup>2</sup> |      | 0.03   |      |