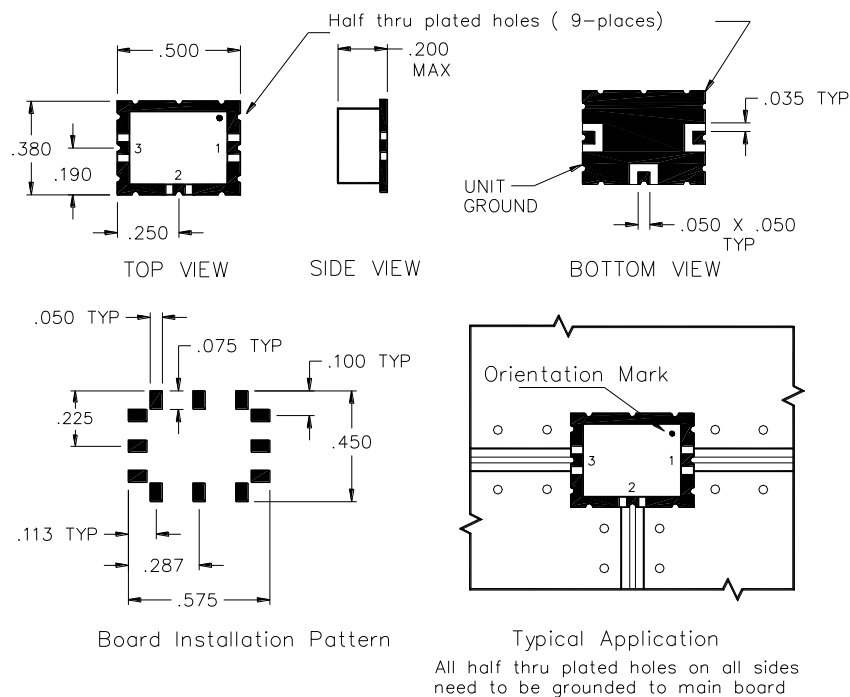




### Port Configuration

|          |                             |
|----------|-----------------------------|
| Output-1 | Port-1                      |
| Input    | Port-2                      |
| Output-2 | Port-3                      |
| Ground   | Half plated holes 4 corners |



### Electrical Specifications:

|                                                            |                   |        |     |
|------------------------------------------------------------|-------------------|--------|-----|
| Frequency Range:                                           | 1 – 500           | Mhz    |     |
| Insertion Loss:                                            | 0.8               | dB     | Max |
| Amplitude Balance:                                         | 0.3               | dB     | Max |
| Isolation:                                                 | 23                | dB     | Max |
| Phase Balance:                                             | 2.0               | degree | Max |
| VSWR Input:                                                | 1.30:1            |        | Max |
| VSWR Output:                                               | 1.30:1            |        | Max |
| Power Input:                                               | 1                 | Watt   | Max |
| Operating Temperature:                                     | -40 °C to +85 °C  |        |     |
| Storage Temperature:                                       | -55 °C to +100 °C |        |     |
| Theoretical loss for 2-way divider is 3.0 dB               |                   |        |     |
| Input power is specified for load VSWR better than 1.20:1. |                   |        |     |

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**SP09K2**

**Power Divider 2-way  
Surface Mount**

Dimensions are in inches and (mm)  
Decimal Tolerance:  
2 place +- 0.020  
3 place +- 0.010

**CAGE CODE : 69UC1**

Notes: All dimensions are typical unless they are specified.  
Specifications are subject to change at any time without any notice.  
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