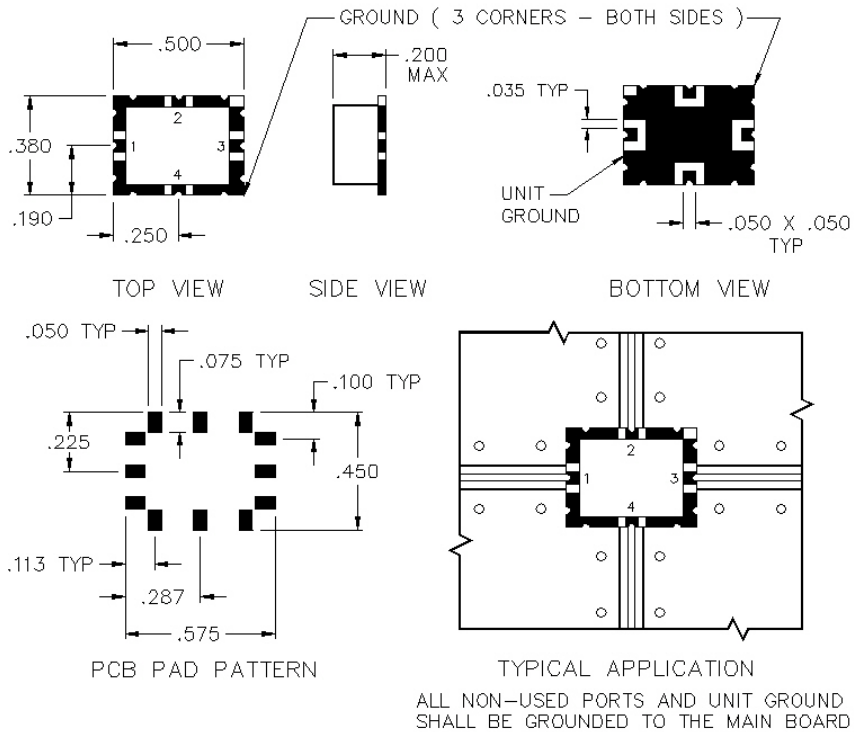


# QT-06-B

## 3 DB SURFACE MOUNT 90° HYBRID COUPLER



### SPECIFICATIONS

|                    |               |
|--------------------|---------------|
| Name:              | QT-06-B       |
| Bandwidth:         | 10%           |
| Center Frequency:  | 7.5 MHz       |
| Frequency Range:   | 7.12-7.87 MHz |
| Insertion Loss:    | 0.3 dB max.   |
| Isolation:         | 25 dB min.    |
| Amplitude Balance: | 0.7 dB max.   |
| Phase Balance:     | 2° max.       |
| VSWR:              | 1.20:1 max.   |
| Package Type:      | Surface       |

Power rating 1 watt max. for load VSWR better than 1.20:1.

### PORT CONFIGURATION

|             |           |
|-------------|-----------|
| Input:      | 1         |
| 90° Output: | 4         |
| 0° Output:  | 3         |
| Isolated:   | 2         |
| Ground:     | 4 Corners |

This is a commercial off the shelf (COTS) product.  
For an equivalent product that meets DFARS materials compliance, contact sales.  
All specifications are subject to change without notice at any time. Rev: 190326

