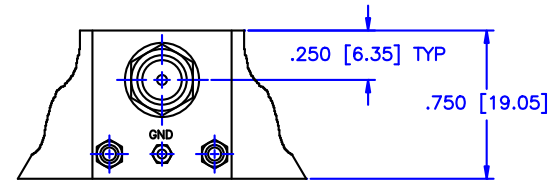
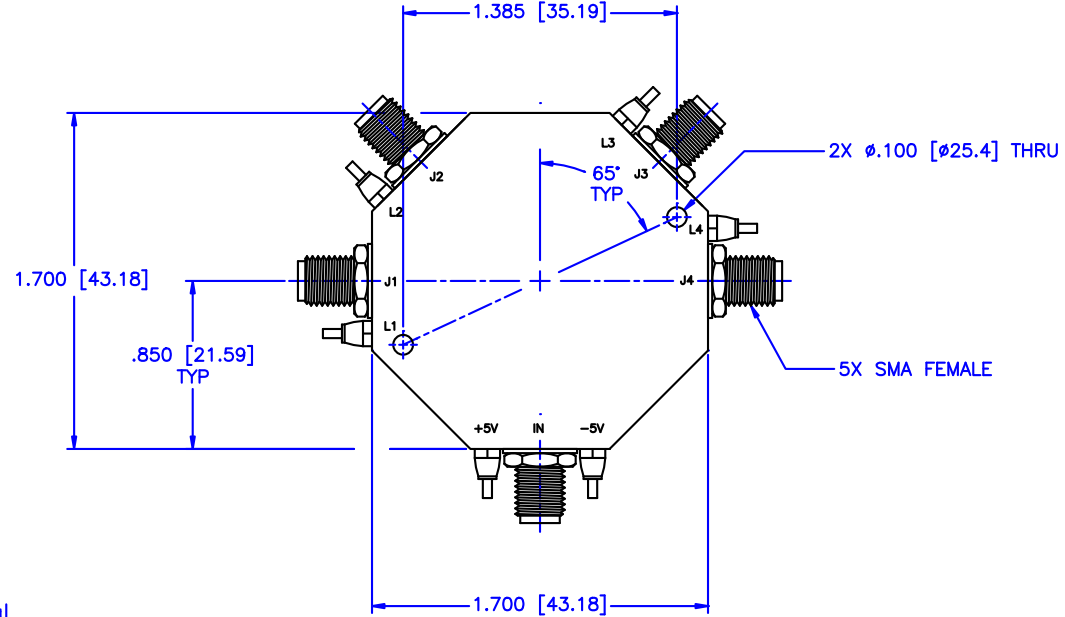
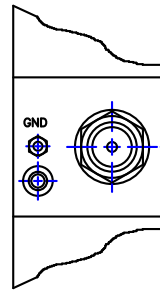


| FREQUENCY RANGE | INSERTION LOSS | VSWR | ISOLATION | SWITCHING SPEED | INPUT POWER |
|-----------------|----------------|--------|-----------|-----------------|-------------|
| (GHz) | (dB Max) | (Max) | (dB Min) | (nsec Max) | (mb/dBm) |
| 0.3–12.0 | 2.7 | 2.00:1 | 60 | 100 | 200/23 |

| REVISIONS | | | | |
|-----------|-----|-------------|------|----------|
| ZONE | REV | DESCRIPTION | DATE | APPROVED |
| | | | | |



Specifications

- * Driver Schottky TTL
- * Voltage/Current Required:
 - +5 Vdc @ +80 mA, Typical
 - 5 Vdc @ -40 mA, Typical
- * Higher speeds available.
- * Individual TTL Control Logic:
 - Logic "0" (-0.3V to +0.8V) = ON
 - Logic "1" (+2.0V to +5.0V) = OFF

TTL Control logic

| L1 | J2 | J3 | J4 | IN-J1 | IN-J2 | IN-J3 | IN-J4 |
|----|----|----|----|-------|-------|-------|-------|
| 0 | 1 | 1 | 1 | LOSS | ISOL | ISOL | ISOL |
| 1 | 0 | 1 | 1 | ISOL | LOSS | ISOL | ISOL |
| 1 | 1 | 0 | 1 | ISOL | ISOL | LOSS | ISOL |
| 1 | 1 | 1 | 0 | ISOL | ISOL | ISOL | LOSS |

| | | | | |
|---------------------------|--|--|--|------------------|
| MATERIAL: | | MICROWAVE COMMUNICATIONS LABORATORIES INC. 7255 30TH AVE. N. SAINT PETERSBURG, FL 33710 TEL: (727) 344-6254 FAX: (727) 381-6116 http://WWW.MCLI.COM | SCALE: | N/A |
| | | | SHEET: | N/A |
| DRAWN: Paiboon Luekhamhan | | DATE: 10-02-2012 | DRAWING TITLE: PIN DIODE SWITCHES, REFLECTIVE | |
| APPROVED: T. Nguyen | | DATE: 10-02-2012 | PART NO. D4-20/REF | |
| THIRD ANGLE PROJECTION | | CAGE CODE: OD2L5 | SIZE: A | REV: N/A |
| | | DO NOT SCALE THE DRAWING | | DWG NO. 86172 |