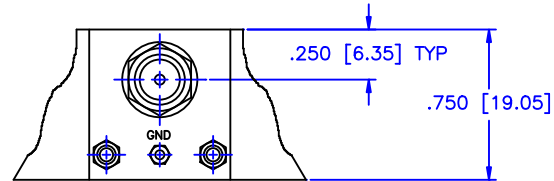
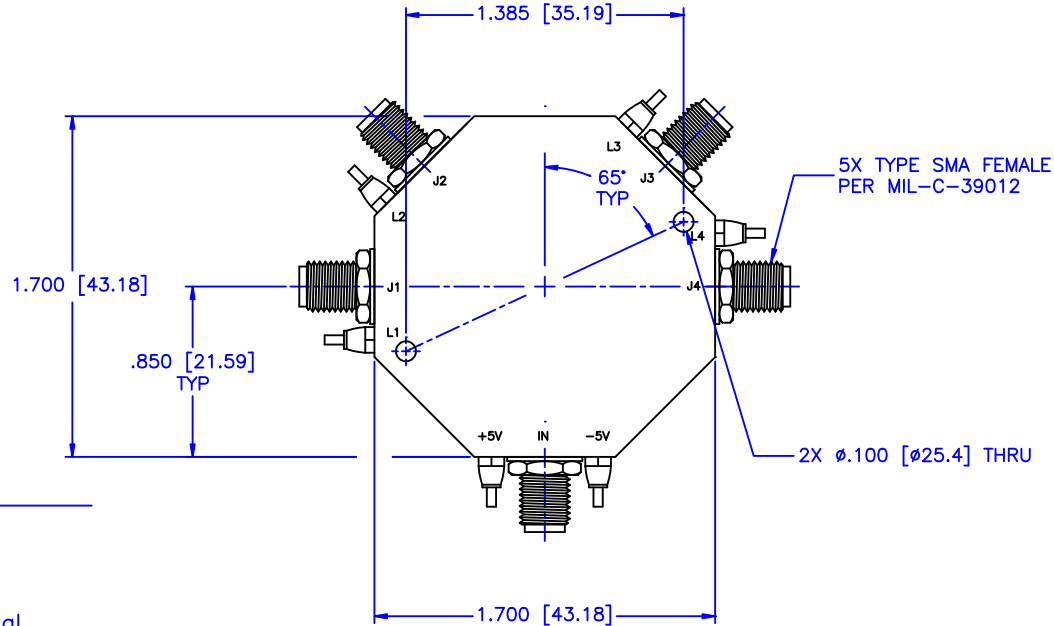
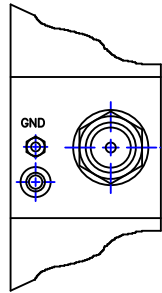


| FREQUENCY RANGE | INSERTION LOSS | VSWR | ISOLATION | SWITCHING SPEED | INPUT POWER |
|-----------------|----------------|--------|-----------|-----------------|-------------|
| (GHz) | (dB Max) | (Max) | (dB Min) | (nsec Max) | (mb/dBm) |
| 0.5-2.0 | 1.8 | 1.60:1 | 60 | 100 | 200/23 |

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



Specifications

- * Driver Schottky TTL
- * Voltage/Current Required:

+5 Vdc @ +200 mA, Typical
-5 Vdc @ -100 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: 05-25-2007 | | DRAWING TITLE: PIN DIODE SWITCHES, REFLECTIVE | |
| APPROVED: T. Nguyen | | DATE: 05-25-2007 | | PART NO. D4-3/REF | |
| | | UNLESS OTHERWISE SPECIFIED: TOLERANCES IN (INCHES) OR [mm] (MILLIMETERS) FRACTIONS: ± 1/64 DECIMALS: ±.01 ±.005 ANGLE: ±1/2° | | PROPRIETARY NOTICE: THE INFORMATION IN THIS DRAWING IS PROPRIETARY AND SHALL NOT BE USED OR DISCLOSED WITHOUT WRITTEN PERMISSION FROM MICROWAVE COMMUNICATIONS LABORATORIES INC. (MCLI) | |
| | | THIRD ANGLE PROJECTION | | CAGE CODE: OD2L5 | SIZE: A REV: N/A DO NOT SCALE THE DRAWING |
| | | | | DWG NO. 82958 | |