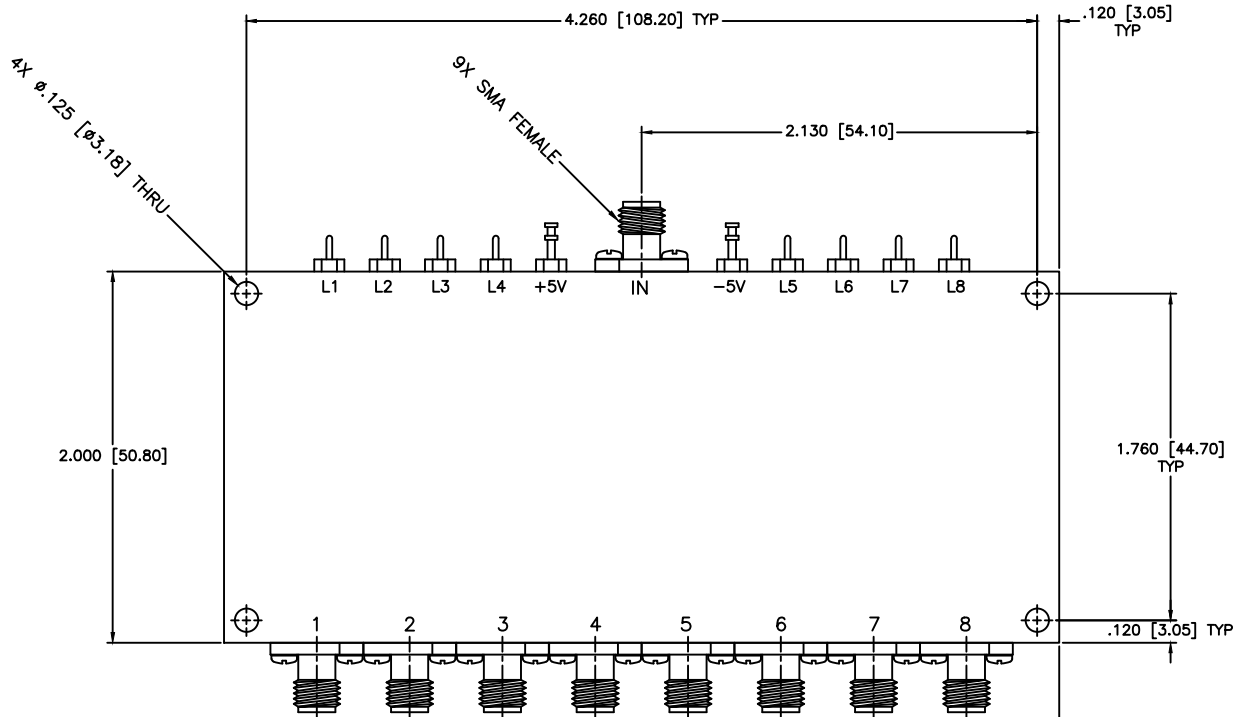
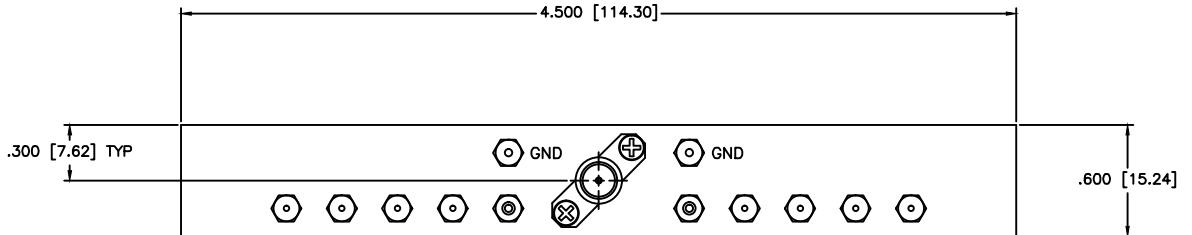


| REVISIONS |     |             |      |          |
|-----------|-----|-------------|------|----------|
| ZONE      | REV | DESCRIPTION | DATE | APPROVED |

**SPECIFICATIONS**

FREQUENCY RANGE: 0.5–2.0 GHz  
 INSERTION LOSS: 2.4dB Max.  
 ISOLATION: 60dB Min.  
 VSWR: 1.60:1 Max.  
 INPUT POWER: 200 mW (23 dBm)  
 SWITCHING TIME: 100 nSEC



Driver Schottky TTL  
 Voltage/Current Required:  
 +5 Vdc @ +120 mA, Typical  
 -5 Vdc @ -50 mA, Typical

Higher speeds available.  
 Individual TTL Control Logic:  
 "0" (-0.3V to +0.8V) = ON  
 "0" (+2.0V to +5.0V) = OFF

7X .500 [12.70] .500 [12.70]

|                     |            |   |                          |                |                                     |         |
|---------------------|------------|---|--------------------------|----------------|-------------------------------------|---------|
| MATERIAL:           |            | MICROWAVE COMMUNICATIONS LABORATORIES INC.<br>7255 30TH AVE. N. SAINT PETERSBURG, FL 33710<br>TEL: (727) 344-6254 FAX: (727) 381-6116<br>http://WWW.MCLI.COM  |                          | SCALE:         | N/A                                 |         |
|                     |            | UNLESS OTHERWISE SPECIFIED:<br>TOLERANCES<br>IN (INCHES) OR [mm] (MILLIMETERS)<br>FRACTIONS: ± 1/64<br>DECIMALS: ±.02 ±.008<br>ANGLE: ±1/2°   |                          | DRAWING TITLE: | SP8T PIN DIODE SWITCHES, ABSORPTIVE |         |
| DRAWN:              | DATE:      | PROPRIETARY NOTICE:<br>THE INFORMATION IN THIS DRAWING IS PROPRIETARY<br>AND SHALL NOT BE USED OR DISCLOSED WITHOUT WRITTEN<br>PERMISSION FROM MICROWAVE COMMUNICATIONS<br>LABORATORIES INC. (MCLI) | PART NO.                 |                | D8-3/ABS                            |         |
| APPROVED:           | DATE:      |   | CAGE CODE:               | SIZE:          | REV:                                | DWG NO. |
| Pai boon Luekhamhan | 04-16-2009 |   | OD2L5                    | A              | N/A                                 | 84376   |
| T. Nguyen           | 04-16-2009 |   | DO NOT SCALE THE DRAWING |                |                                     |         |