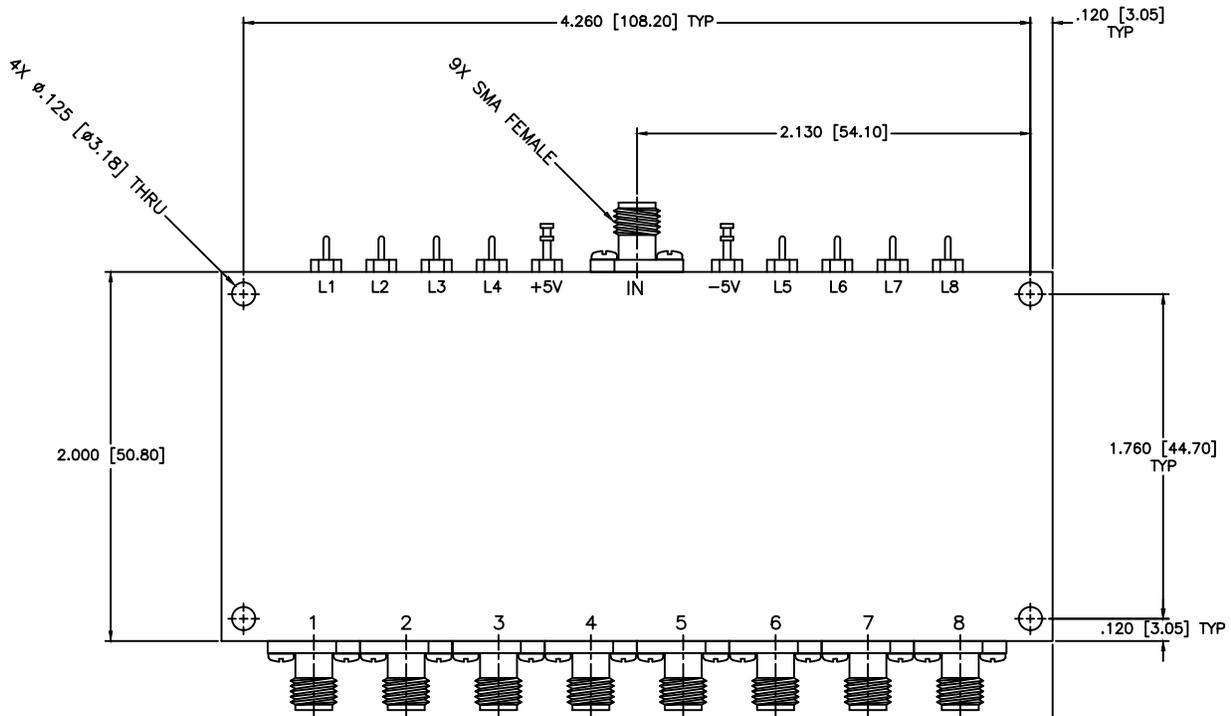
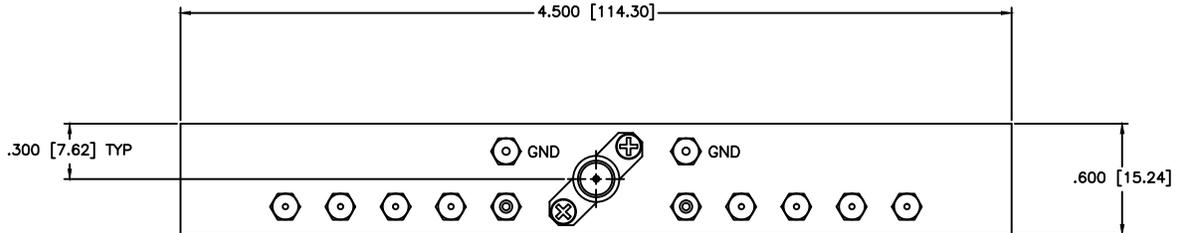


| REVISIONS | | | | |
|-----------|-----|-------------|------|----------|
| ZONE | REV | DESCRIPTION | DATE | APPROVED |

SPECIFICATIONS

FREQUENCY RANGE: 2-8 GHz
 INSERTION LOSS: 3.3dB Max. (3.0dB Max. Reflective)
 ISOLATION: 60dB Min.
 VSWR: 1.70:1 Max. (1.60:1 Max. Reflective)
 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

| | | | | | | | |
|--------------------|--|------------|---|------------|--------------------------|-------------------------|---------|
| 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 | |
| | | | UNLESS OTHERWISE SPECIFIED: TOLERANCES IN (INCHES) OR [mm] (MILLIMETERS) FRACTIONS: ± 1/64 DECIMALS: ±.02 ±.008 ANGLE: ±1/2° | | DRAWING TITLE: | SP8T PIN DIODE SWITCHES | |
| DRAWN: | | DATE: | 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) | | PART NO. | D8-8 | |
| APPROVED: | | DATE: | THIRD ANGLE PROJECTION | CAGE CODE: | SIZE: | REV: | DWG NO. |
| Paiboon Luekhamhan | | 08-15-2006 | | OD2L5 | A | N/A | 82628 |
| T. Nguyen | | 08-15-2006 | | | DO NOT SCALE THE DRAWING | | |