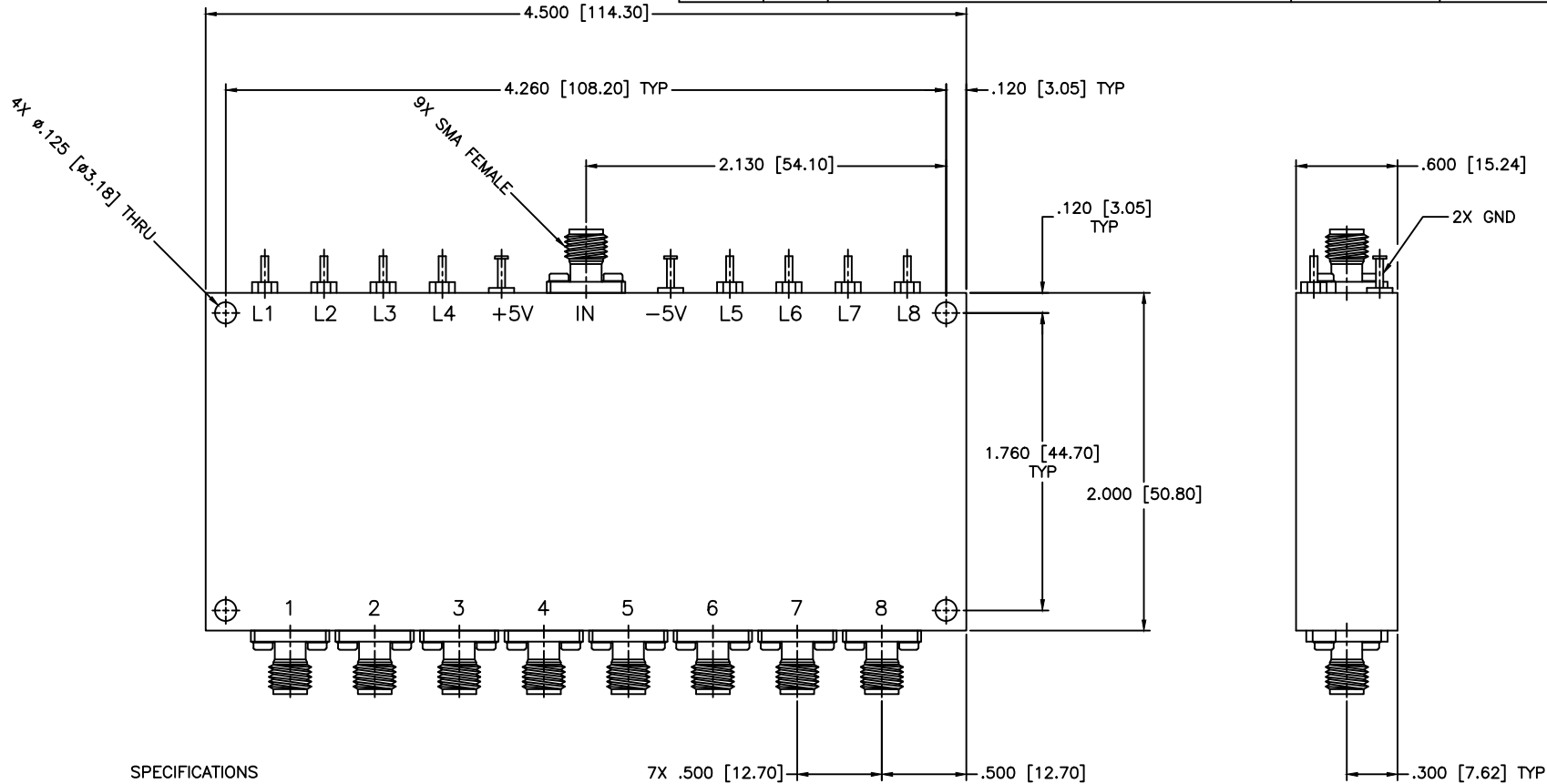


| REVISIONS | | | | |
|-----------|-----|-------------|------|----------|
| ZONE | REV | DESCRIPTION | DATE | APPROVED |



SPECIFICATIONS

FREQUENCY RANGE: 225–400 MHz
 INSERTION LOSS: 1.5dB Max.
 ISOLATION: 60dB Min.
 VSWR: 1.95:1 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

| | | | | | | |
|---------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|------------------|----------|
| 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 |
| UNLESS OTHERWISE SPECIFIED: TOLERANCES IN (INCHES) OR [mm] (MILLIMETERS) FRACTIONS: ± 1/64 DECIMALS: ±.01 ±.005 ANGLE: ±1/2° | | DRAWING TITLE: | | SP8T PIN DIODE SWITCHES | | |
| DRAWN: Paiboon Luekhamhan | | DATE: 04-16-2009 | | PART NO. D8-1/REF | | |
| APPROVED: T. Nguyen | | DATE: 04-16-2009 | | CAGE CODE: | SIZE: A | REV: N/A |
| | | 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) | | OD2L5 | DWG NO. 84374 | |
| | | THIRD ANGLE PROJECTION | | DO NOT SCALE THE DRAWING | | |