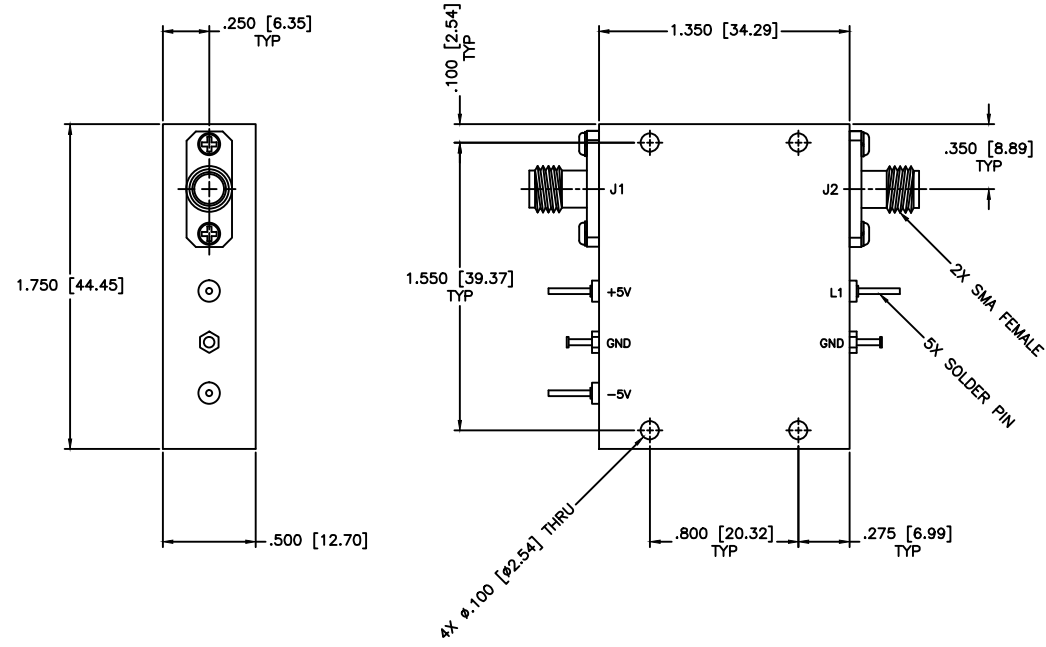




| REVISIONS | | | | |
|-----------|-----|-------------|------|----------|
| ZONE | REV | DESCRIPTION | Date | APPROVED |



SPECIFICATIONS

Frequency Range: 2.5–2.7 GHz
 Switch Type: SP1T
 Isolation: 60dB min
 Insertion Loss: 0.8dB max
 VSWR: 1.50:1 Max.
 Input Power: 200mW (23dBm)
 Switching Time: 100 (nSec)
 Driver: Schottkey TTL
 Voltage/Current Required: ±5 Vdc @ ±30 mA, Typical
 Individual TTL Control Logic: Logic "0" (-0.3V to +0.8V) = ON
 Logic "1" (+2.0V to +5.0V) = OFF

TTL Control Logic
 L1 J1–J2
 0 Insertion Loss
 1 Isolation

| | | | | | |
|---|--|------------------------|--|---------------------|----------------|
| 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: ±.01 ±.005 ANGLE: ±1/2° | | | DRAWING TITLE: PIN DIODE SWITCHES, ABSORPTIVE | | SHEET: N/A |
| DRAWN: Paiboon Luekhamhan | | DATE: 08-27-2013 | | PART NO.: D1-29/ABS | |
| APPROVED: T. Nguyen | | DATE: 08-27-2013 | | CAGE CODE: OD2L5 | SIZE: 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) | | THIRD ANGLE PROJECTION | | REV: N/A | DWG NO.: 86327 |
| DO NOT SCALE THE DRAWING | | | | | |

