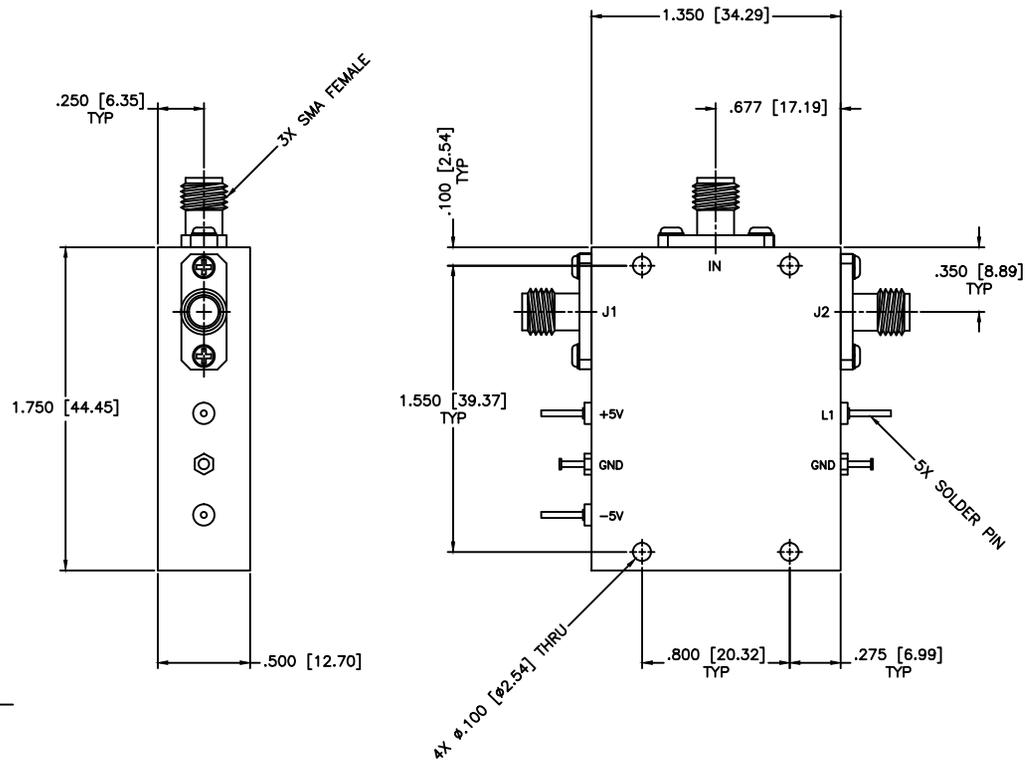


| REVISIONS | | | | |
|-----------|-----|-------------|------|----------|
| ZONE | REV | DESCRIPTION | Date | APPROVED |
| | | | | |



SPECIFICATIONS

Frequency Range: 0.5–2.0 GHz
 Switch Type: SP2T
 Isolation: 60dB min
 Insertion Loss: 1.5dB max
 VSWR: 1.60:1 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 | IN-J1 | IN-J2 |
| 0 | Insertion Loss | Isolation |
| 1 | Isolation | Insertion 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 |
| UNLESS OTHERWISE SPECIFIED: | | TOLERANCES | | DRAWING TITLE: | | PIN DIODE SWITCHES, REFLECTIVE | |
| IN (INCHES) OR [mm] (MILLIMETERS) | | FRACTIONS: $\pm 1/64$ | | PART NO.: | | D2-3/REF | |
| DECIMALS: $\pm 0.01 \pm 0.005$ | | ANGLE: $\pm 1/2^\circ$ | | CAGE CODE: | | SIZE: | A |
| THIRD ANGLE PROJECTION | | | | REV: | | N/A | DWG NO.: |
| DRAWN: Paiboon Luekhamhan | | DATE: 08-28-2013 | | OD2L5 | | 86374 | |
| APPROVED: T. Nguyen | | DATE: 08-28-2013 | | DO NOT SCALE THE DRAWING | | | |