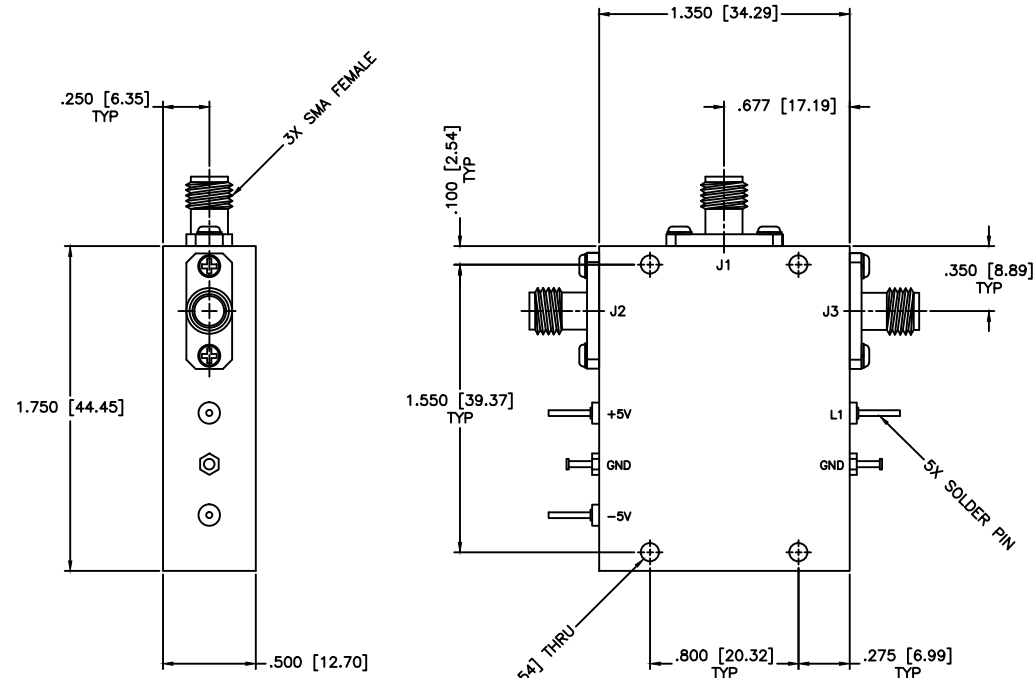




| REVISIONS | | | | |
|-----------|-----|-------------|------|----------|
| ZONE | REV | DESCRIPTION | Date | APPROVED |



SPECIFICATIONS

Frequency Range: 0.1–1.0 GHz
 Switch Type: SP2T
 Isolation: 60dB min
 Insertion Loss: 1.2dB 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 | Isolation | Insertion Loss |
| 1 | Insertion Loss | Isolation |

| | | | | |
|-----------|--|--|-------------------------------|----------|
| MATERIAL: | | MCLI 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 |
| DRAWN: | | UNLESS OTHERWISE SPECIFIED: TOLERANCES IN (INCHES) OR [mm] (MILLIMETERS) FRACTIONS: $\pm 1/64$ DECIMALS: $\pm 0.01 \pm 0.005$ ANGLE: $\pm 1/2^\circ$ | DRAWING TITLE: | |
| DATE: | | | PIN DIODE SWITCHES, ABORPTIVE | |
| APPROVED: | | PART NO.: | | |
| DATE: | | D2-30/ABS | | |
| T. Nguyen | | CAGE CODE: | SIZE: | REV: |
| | | 0D2L5 | N/A | N/A |
| | | DO NOT SCALE THE DRAWING | | DWG NO.: |
| | | | | 82838 |

