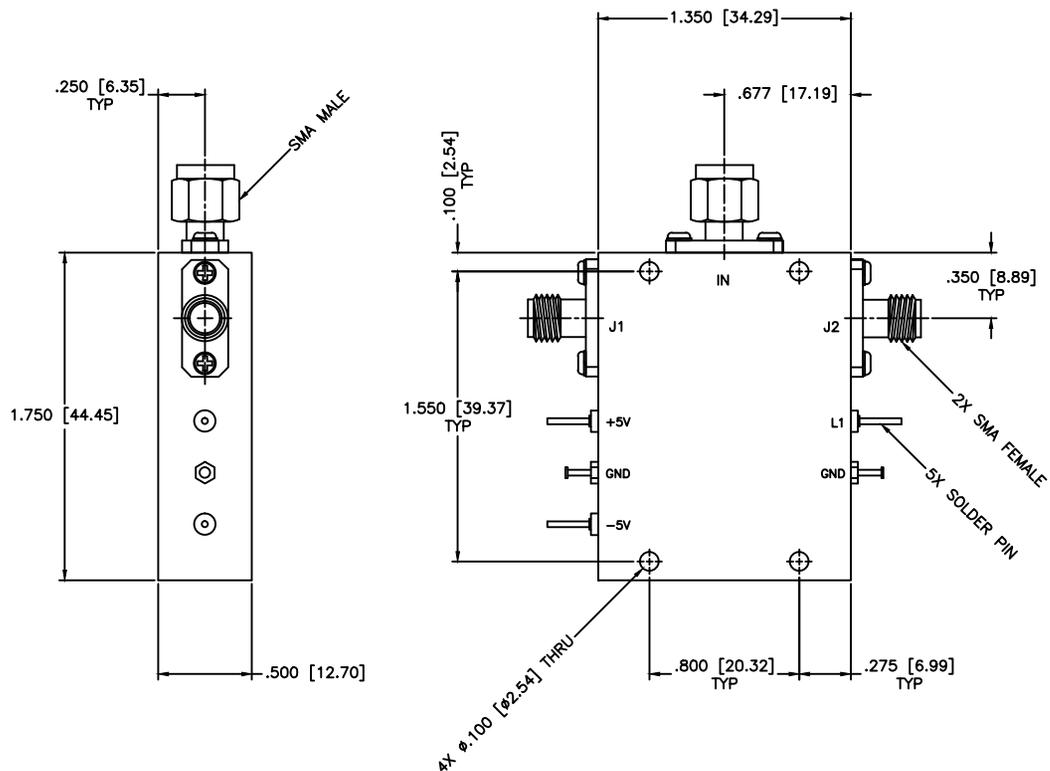


REVISIONS				
ZONE	REV	DESCRIPTION	Date	APPROVED



SPECIFICATIONS

Frequency Range: 0.3–18.0 GHz
 Switch Type: SP2T
 Isolation: 60dB min
 Insertion Loss: 2.8dB max
 VSWR: 2.00:1 Max.
 Input Power: 200mW (23dBm)
 Switching Time: 100 (nSec)
 Driver: Schottkey TTL
 Voltage/Current Required: ±5 Vdc @ -70, +100mA, 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:	
DRAWN: Paiboon Luekhamhan	DATE: 01-15-2007
APPROVED: T. Nguyen	DATE: 01-15-2007



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: ±.02 ±.008
 ANGLE: ±1/2°

DRAWING TITLE: PIN DIODE SWITCHES, REFLECTIVE

PART NO. D2-13/REF/SMI

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

CAGE CODE: OD2L5

SIZE: A REV: N/A
 DO NOT SCALE THE DRAWING

DWG NO. 82775