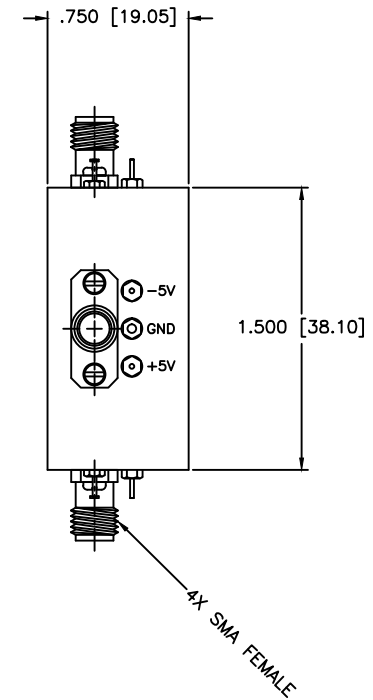
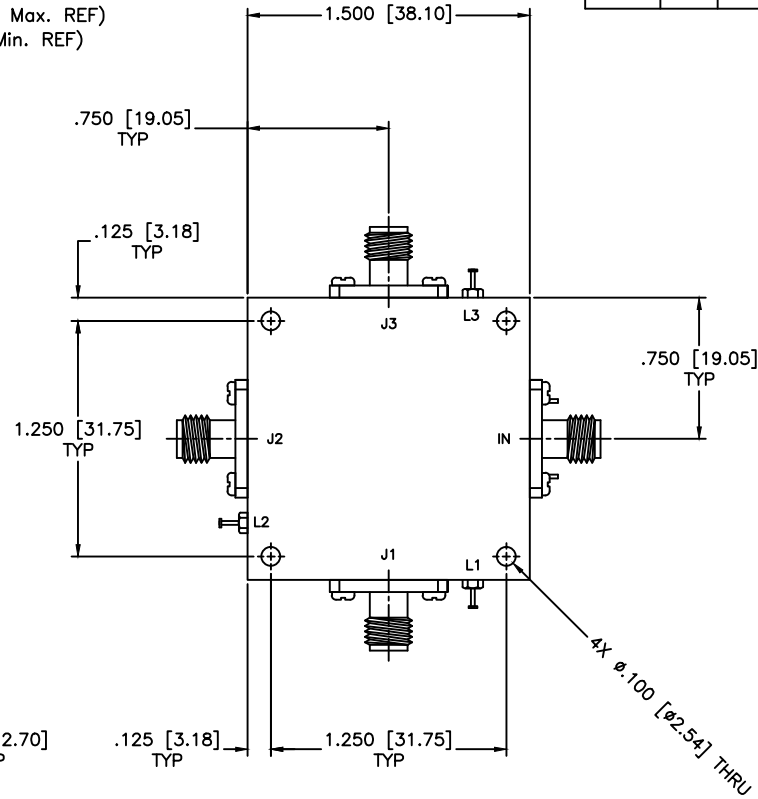
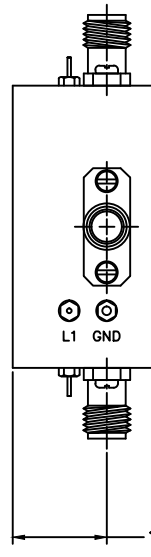


SPECIFICATIONS

FREQUENCY RANGE: 2–8 GHz
 INSERTION LOSS: 3.2dB Max. (2.2dB Max. REF)
 ISOLATION: 55dB Min. (60dB Min. REF)
 VSWR: 1.60:1 Max.
 INPUT POWER mW/dBm: 200/23
 SWITCHING TIME: 100 nSEC
 SWITCH TYPE: SP3T



DRIVER SCHOTTKY TTL
 VOLTAGE / CURRENT REQUIRED:
 +5 Vdc @ +70 mA, Typical
 -5 Vdc @ -50 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	J2	J3	IN-J1	IN-J2	IN-J3
0	1	1	INSERTION LOSS	ISOLATION	ISOLATION
1	0	1	ISOLATION	INSERTION LOSS	ISOLATION
1	1	0	ISOLATION	ISOLATION	INSERTION LOSS

REVISIONS

ZONE	REV	DESCRIPTION	Date	APPROVED

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

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:

PIN DIODE SWITCHES

PART NO.

D3-8

DRAWN:

Paiboon Luekhamhan

DATE:

01-03-2014

APPROVED:

T. Nguyen

DATE:

01-03-2014

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)



CAGE CODE:

OD2L5

SIZE: A

REV: A

DWG NO.

84126

DO NOT SCALE THE DRAWING