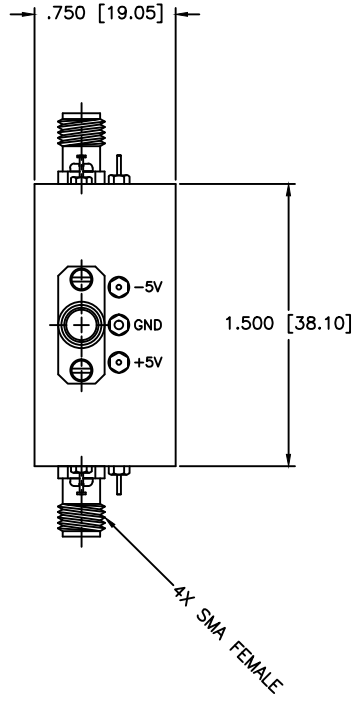
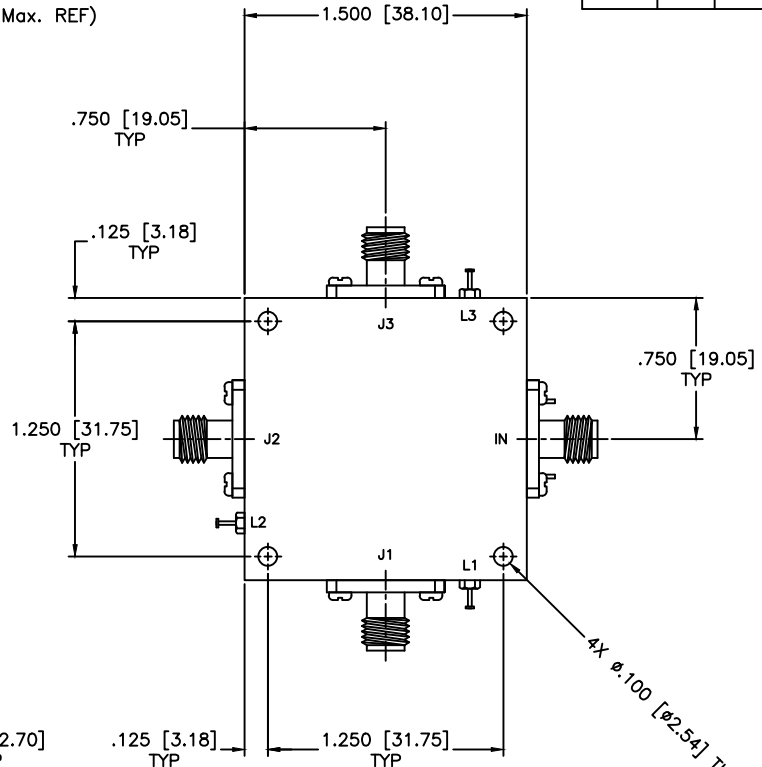
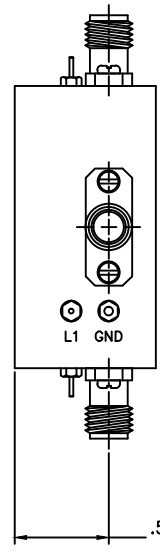


SPECIFICATIONS

FREQUENCY RANGE: 1-2 GHz
 INSERTION LOSS: 1.0dB Max. (0.9dB Max. REF)
 ISOLATION: 60dB Min.
 VSWR: 1.70:1 Max.
 INPUT POWER mW/dBm: 200/23
 SWITCHING TIME: 100 nSEC
 SWITCH TYPE: SP3T

REVISIONS				
ZONE	REV	DESCRIPTION	Date	APPROVED



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

MATERIAL:	
DRAWN:	DATE:
Paiboon Luekhamhan	01-06-2014
APPROVED:	DATE:
T. Nguyen	01-06-2014

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

UNLESS OTHERWISE SPECIFIED:
 TOLERANCES
 IN (INCHES) OR [mm] (MILLIMETERS)
 FRACTIONS: ± 1/64
 DECIMALS: ±.01 ±.005
 ANGLE: ±1/2°

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

SCALE:	N/A
SHEET:	N/A
DRAWING TITLE: PIN DIODE SWITCHES	
PART NO. D3-5	
CAGE CODE:	SIZE: A
OD2L5	REV: A
DO NOT SCALE THE DRAWING	
DWG NO. 84123	