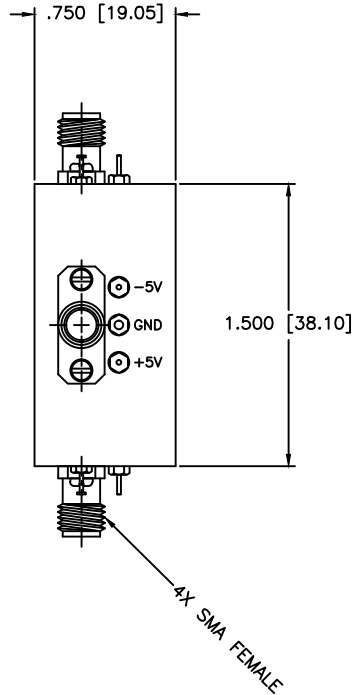
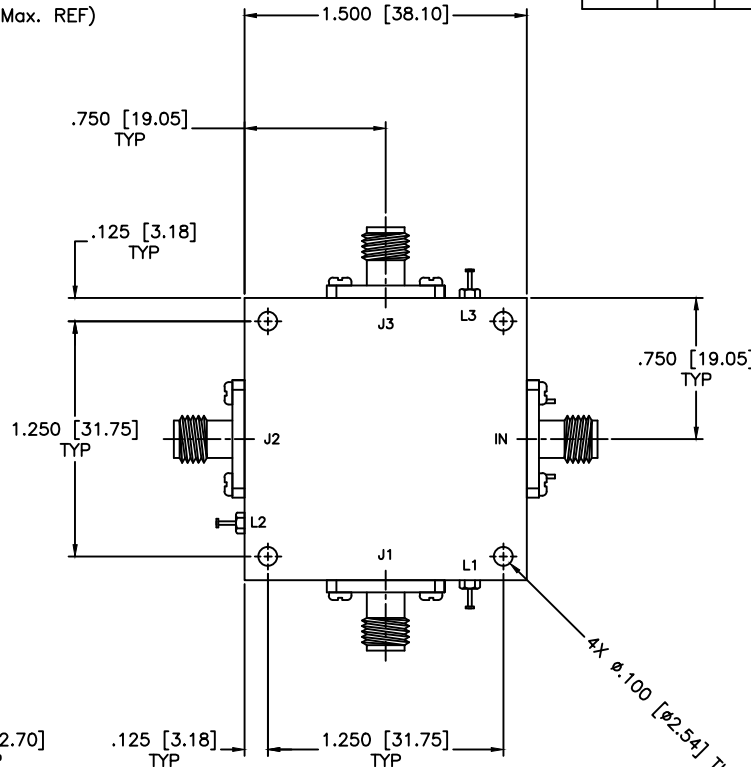
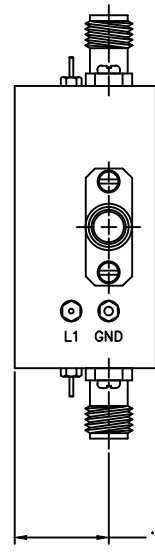


**SPECIFICATIONS**

FREQUENCY RANGE: 0.5–2.5 GHz  
 INSERTION LOSS: 1.9dB Max. (1.7dB 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

<b>MCLI</b> 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: ±.01 ±.005 ANGLE: ±1/2°	DRAWING TITLE:	
	PIN DIODE SWITCHES	
	PART NO. D3-4	
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:	SIZE:
THIRD ANGLE PROJECTION	OD2L5	A
		REV: A
	DO NOT SCALE THE DRAWING	
	DWG NO. 84122	