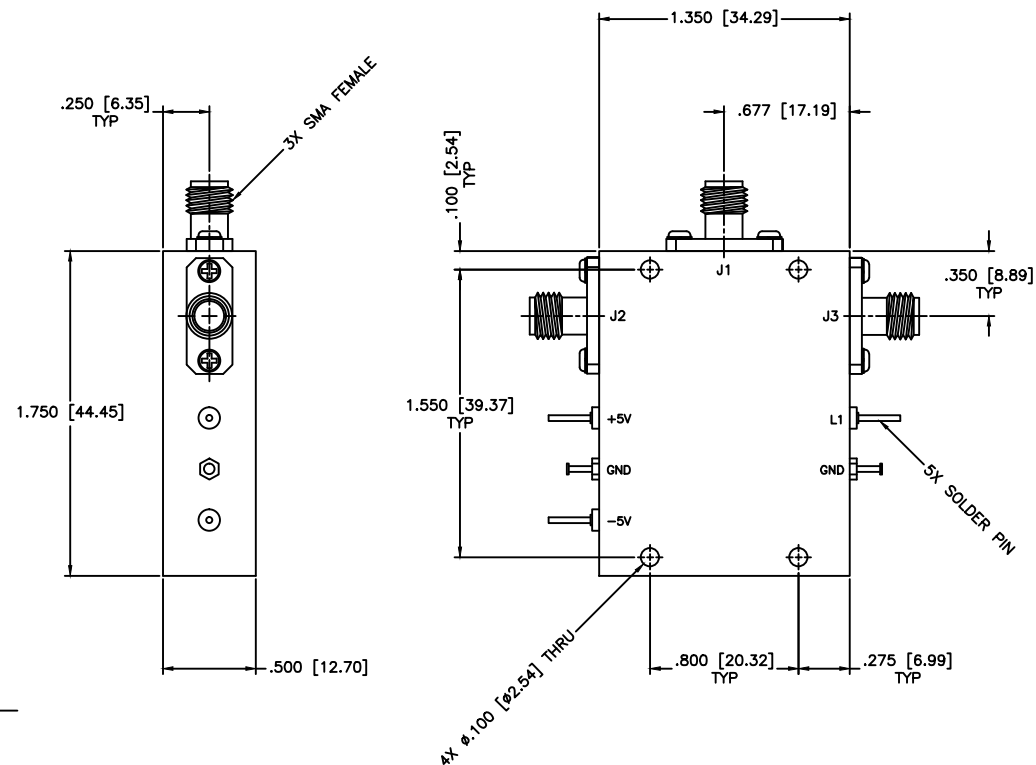




REVISIONS				
ZONE	REV	DESCRIPTION	Date	APPROVED



SPECIFICATIONS

Frequency Range: 8–12.4 GHz

Switch Type: SP2T

Isolation: 55dB min

Insertion Loss: 3.2dB max

VSWR: 1.70:1 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: DRAWN: Paiboon Luekhamhan APPROVED: T. Nguyen		DATE: 05–16–2006 DATE: 05–16–2006		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, ABORPTIVE			
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				PART NO.			
				D2–15/ABS			
CAGE CODE: OD2L5		SIZE: A		REV: N/A		DWG NO. 82551	
DO NOT SCALE THE DRAWING							

