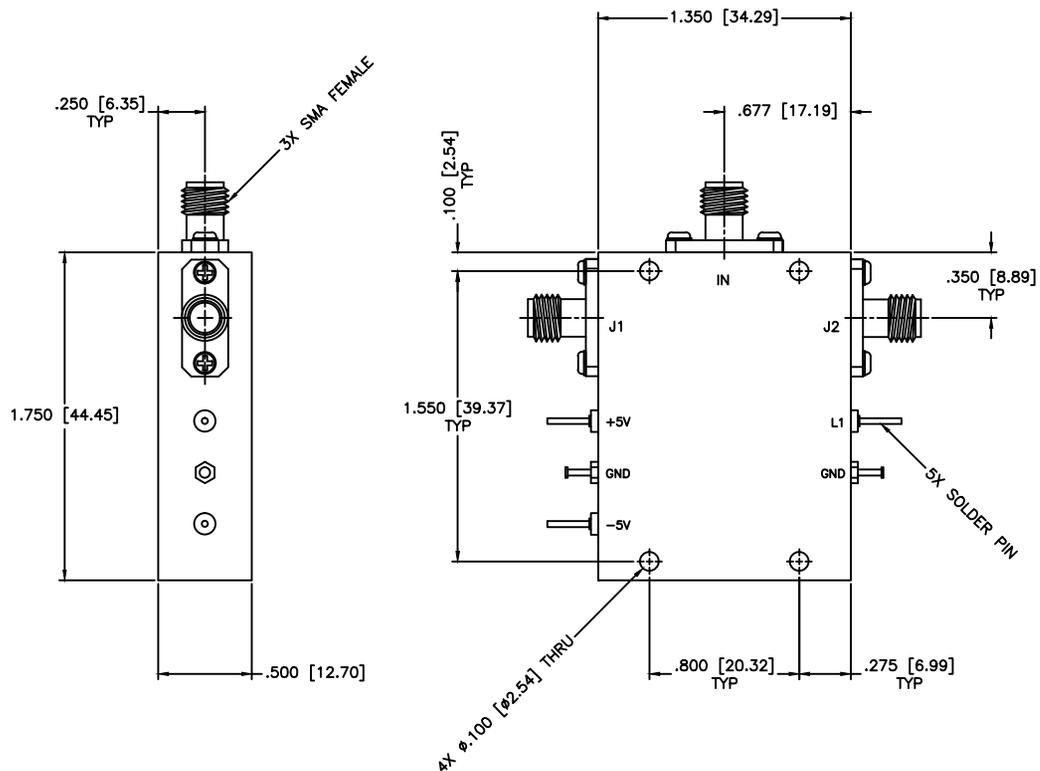


REVISIONS				
ZONE	REV	DESCRIPTION	Date	APPROVED



**SPECIFICATIONS**

FREQUENCY RANGE: 20–1200 MHz  
 INSERTION LOSS: 1.5dB Max.  
 ISOLATION: 70dB Min.  
 VSWR: 1.50:1 Max.  
 RF INPUT POWER: 200mW Max.  
 SWITCHING SPEED: 100nSec Typ.

**VOLTAGE/CURRENT REQUIRED**

+5Vdc @ +100mA, Typical  
 -5Vdc @ -70mA, Typical

**TTL CONTROL LOGIC**

LOGIC "0" (-0.3V to +0.8V)=ON  
 LOGIC "1" (+2V to +5V)=OFF

L1	IN-J1	IN-J2
0	Insertion Loss	Isolation
1	Isolation	Insertion Loss

MATERIAL:	
DRAWN: Paiboon Luekhamhan	
DATE: 07-24-2006	
APPROVED: T. Nguyen	
DATE: 07-24-2006	

<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: ±.02 ±.008 ANGLE: ±1/2°	DRAWING TITLE: <b>PIN DIODE SWITCHES</b>	
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)	PART NO.: <b>D2-29/ABS</b>	
THIRD ANGLE PROJECTION	CAGE CODE:	DWG. NO.
	OD2L5	82177
	SIZE: N/A	REV: N/A
	DO NOT SCALE THE DRAWING	