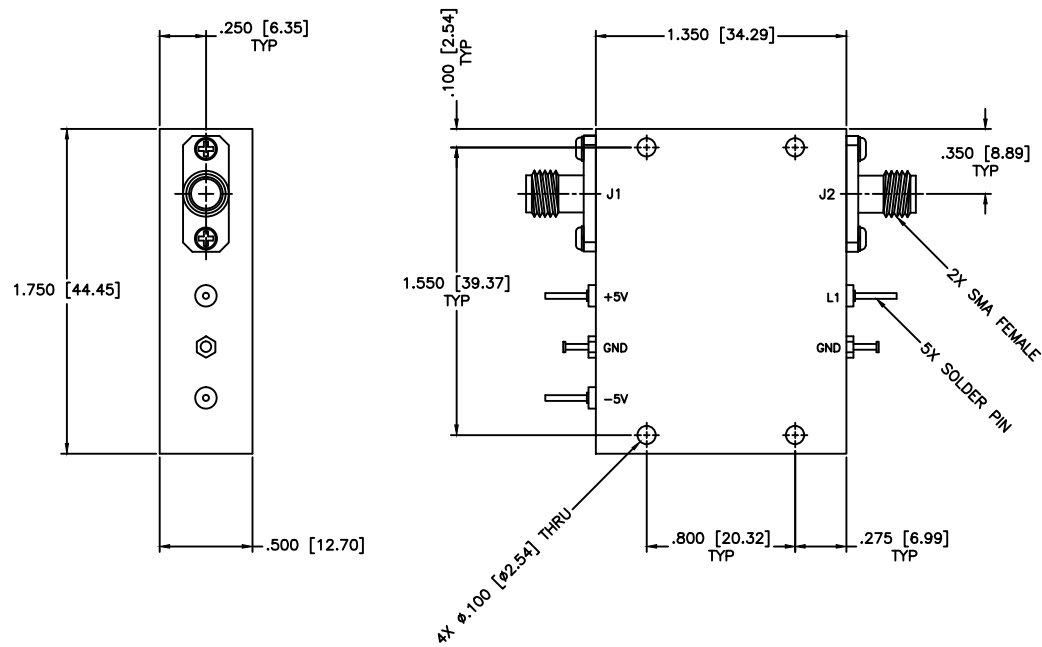


REVISIONS				
ZONE	REV	DESCRIPTION	Date	APPROVED



**SPECIFICATIONS**

Frequency Range: 9.2–10 GHz  
 Switch Type: SP1T  
 Isolation: 60dB min  
 Insertion Loss: 1.8dB max  
 VSWR: 1.90:1 Max.  
 Input Power: 200mW (23dBm)  
 Switching Time: 100 (nSec)  
 Driver: Schottkey TTL  
 Voltage/Current Required:  $\pm 5$  Vdc @  $\pm 30$  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 J1–J2  
 0 Insertion Loss  
 1 Isolation

MATERIAL:			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
			UNLESS OTHERWISE SPECIFIED: TOLERANCES IN (INCHES) OR [mm] (MILLIMETERS) FRACTIONS: $\pm 1/64$ DECIMALS: $\pm 0.01 \pm 0.005$ ANGLE: $\pm 1/2^\circ$		SHEET: N/A
DRAWING TITLE:		PIN DIODE SWITCHES, ABSORPTIVE			
DRAWN: Paiboon Luekhamhan		DATE: 08-27-2013		PART NO. D1-31/ABS	
APPROVED: T. Nguyen		DATE: 08-27-2013		CAGE CODE: 0D2L5	SIZE: A
		PROPRIETARY NOTICE: THE INFORMATION ON THIS DRAWING IS PROPRIETARY AND SHALL NOT BE USED OR DISCLOSED WITHOUT WRITTEN PERMISSION FROM MICROWAVE COMMUNICATIONS LABORATORIES INC. (MCLI)		REV: N/A	DWG NO. 86336
				DO NOT SCALE THE DRAWING	