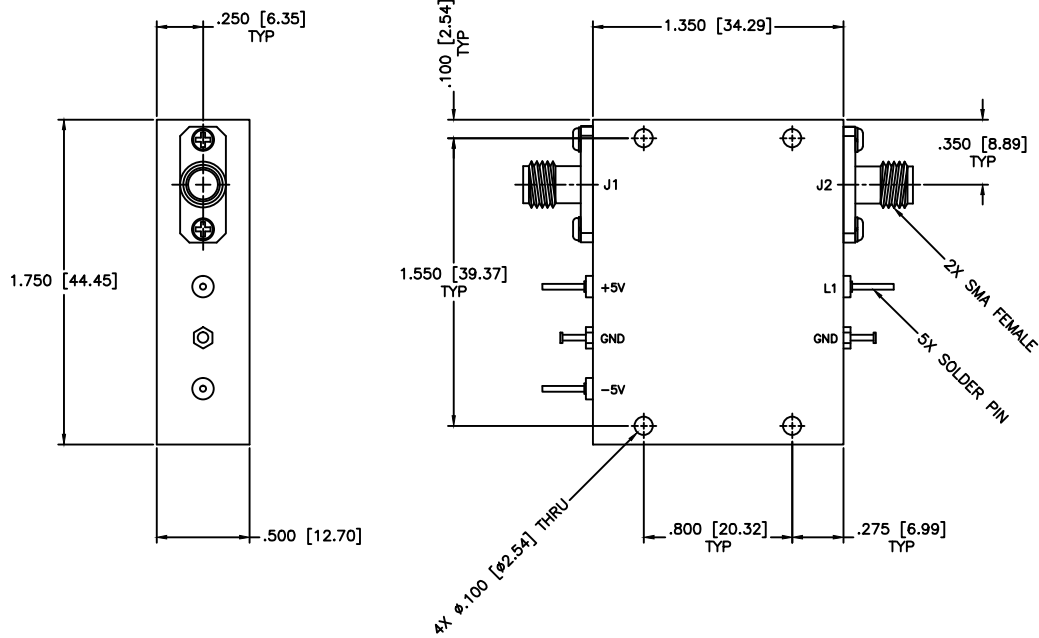


REVISIONS				
ZONE	REV	DESCRIPTION	Date	APPROVED



**SPECIFICATIONS**

Frequency Range: 0.5–1.0 GHz  
 Switch Type: SP1T  
 Isolation: 60dB min  
 Insertion Loss: 1.2dB max  
 VSWR: 1.60:1 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: $\pm 1/2^\circ$			DRAWING TITLE: <b>PIN DIODE SWITCHES, ABSORPTIVE</b>		SHEET: N/A
DRAWN: Paiboon Luekhamhan		DATE: 08-27-2013		PART NO. D1-2/ABS	
APPROVED: T. Nguyen		DATE: 08-27-2013		CAGE CODE: OD2L5	SIZE: A REV: N/A DWG NO. 86320
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 		DO NOT SCALE THE DRAWING	