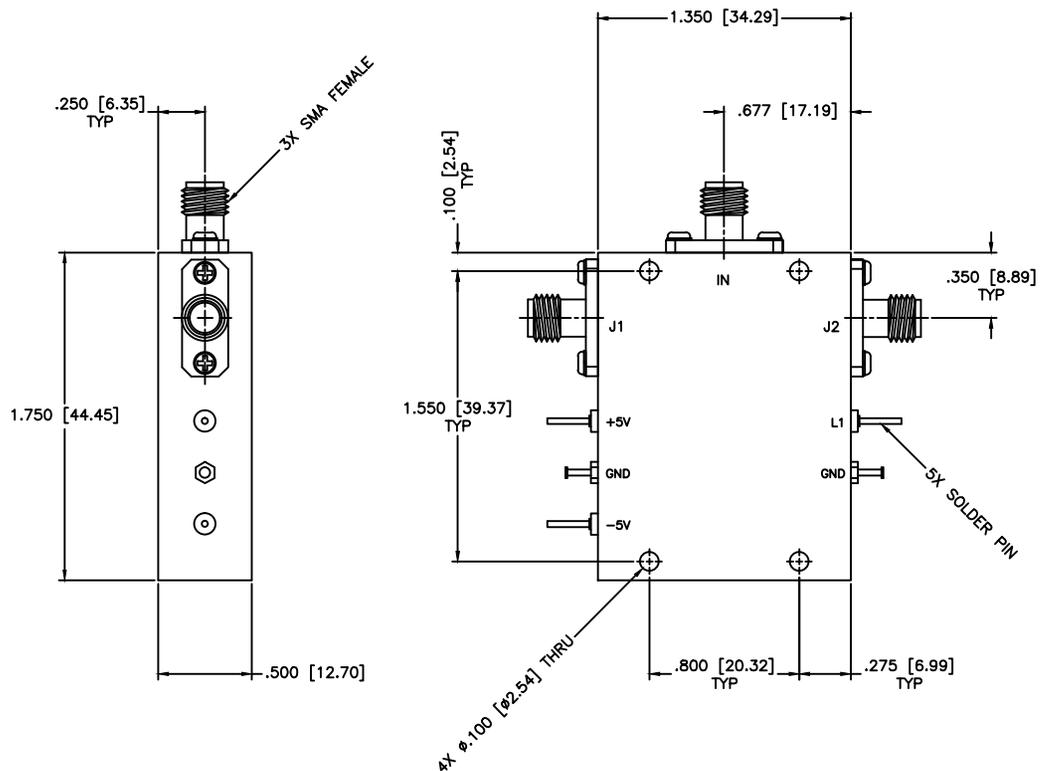


REVISIONS				
ZONE	REV	DESCRIPTION	Date	APPROVED



**SPECIFICATIONS**

Frequency Range: 0.5–18 GHz  
 Insertion Loss:  
 2.8 dB max @ 0.5 to 4 GHz  
 1.6 dB max @ 4.0 to 12.0 GHz  
 2.1 dB max @ 12.0 to 18.0 GHz  
 Isolation: 58 dB min  
 Input / Output VSWR: 1.90:1 Max  
 RF Input Power: 10dBm Min.  
 Max input: 30dBm  
 Switching Speed: 75 ns Max.  
 DC Power Supply: +/- 5 VDC max +12 to +15 V @ 50mA max  
 +5 V @ 75 mA max  
 Control Bit: TTL ( Insertion Loss: TTL Lo, Isolation: TTL Hi )  
 Impedance: 50 Ohms  
 Operating Temperature: -55°C to + 85°C

MATERIAL:		<b>MCLI</b> MICROWAVE COMMUNICATIONS LABORATORIES INC. 7255 30TH AVE. N. SAINT PETERSBURG, FL 33710 TEL: (727) 344-6254 FAX: (727) 381-6116 <a href="http://WWW.MCLI.COM">http://WWW.MCLI.COM</a>	SCALE: N/A
UNLESS OTHERWISE SPECIFIED: TOLERANCES IN (INCHES) OR [mm] (MILLIMETERS) FRACTIONS: ± 1/64 DECIMALS: ±.02 ±.008 ANGLE: ±1/2°			DRAWING TITLE: PIN DIODE SWITCHES
DRAWN: Paiboon Luekhamhan		DATE: 06-19-2007	PART NO. D2-100
APPROVED: T. Nguyen		DATE: 06-19-2007	CAGE CODE: OD2L5
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		SIZE: A	REV: N/A
		DO NOT SCALE THE DRAWING	
		DWG NO. 82839	