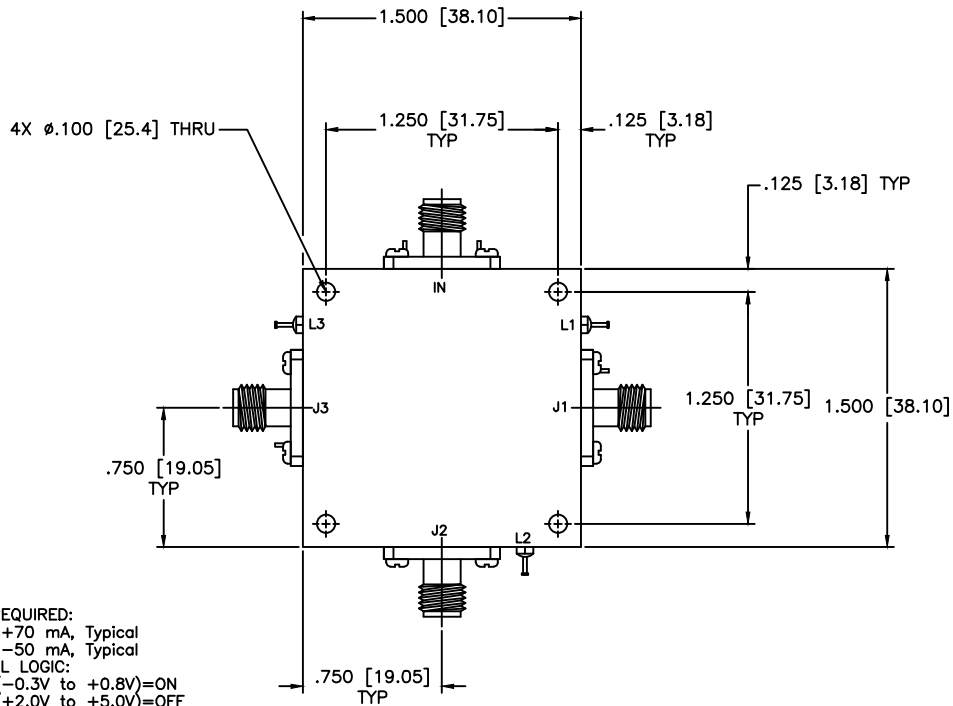
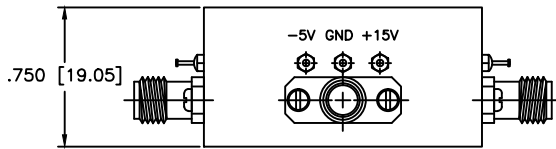


REVISIONS

ZONE	REV	DESCRIPTION	DATE	APPROVED
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SPECIFICATIONS

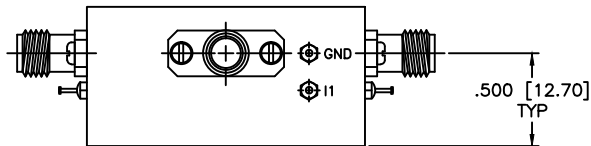
FREQUENCY RANGE: 0.3-12.0 GHz  
 INSERTION LOSS: 2.5dB Max.  
 ISOLATION: 60dB Min.  
 VSWR: 1.90:1 Max.  
 INPUT POWER mW/dBm: 200/23  
 SWITCHING TIME: 100 nSEC  
 SWITCH TYPE: SP3T



DRIVER SCHOTTKY TTL  
 VOLTAGE / CURRENT REQUIRED:  
 +5 Vdc @ +70 mA, Typical  
 -5 Vdc @ -50 mA, Typical  
 TTL CONTROL LOGIC:  
 LOGIC "0" (-0.3V to +0.8V)=ON  
 LOGIC "1" (+2.0V to +5.0V)=OFF

TTL Control logic

L1	J2	J3	IN-J1	IN-J2	IN-J3
0	1	1	LOSS	ISOL	ISOL
1	0	1	ISOL	LOSS	ISOL
1	1	0	ISOL	ISOL	LOSS



MATERIAL:

DRAWN: Paiboon Luekhamhan  
 DATE: 11-10-2011

APPROVED: T. Nguyen  
 DATE: 11-10-2011



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: ±.01 ±.005  
 ANGLE: ±1/2°

DRAWING TITLE: SP3T SWITCHE, REFLECTIVE

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. D3-21/REF

CAGE CODE: OD2L5

SIZE: A

REV: N/A

DWG NO. 85926

DO NOT SCALE THE DRAWING