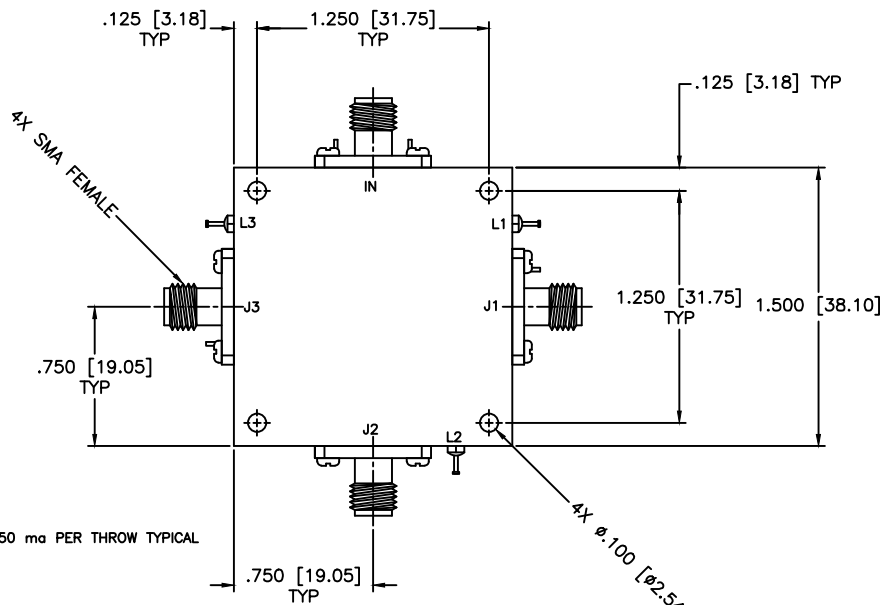
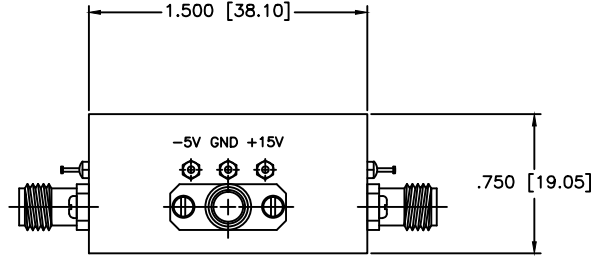


REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED

**SPECIFICATIONS**

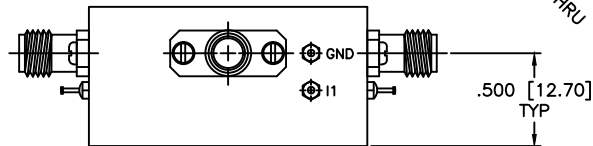
FREQUENCY RANGE: 0.1-1.0 GHz  
 INSERTION LOSS: 1.0dB Max.  
 ISOLATION: 60dB Min.  
 VSWR: 1.60:1 Max.  
 INPUT POWER mW/dBm: 200/23  
 SWITCHING TIME: 100 nSEC



DRIVER SCHOTTKY TTL  
 VOLTAGE REQUIRED ±5 VDC  
 CURRENT REQUIRED IS -80 ma, +150 ma PER THROW 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	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:	05-23-2006
APPROVED:	T. Nguyen
DATE:	05-23-2006



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 SWITCHES

PART NO. D3-19/REF

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)

CAGE CODE:	SIZE:	REV:	DWG NO.:
OD2L5	A	N/A	82556
DO NOT SCALE THE DRAWING			

