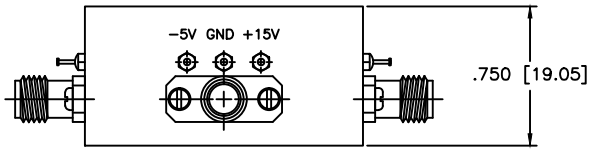
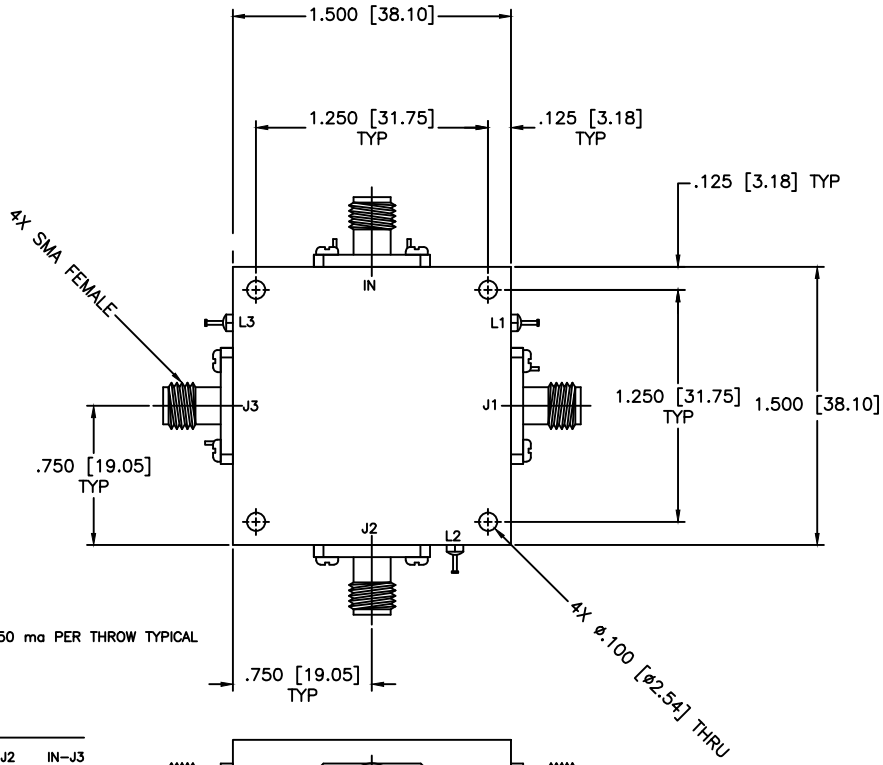
REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED

SPECIFICATIONS

FREQUENCY RANGE: 0.1–1.0 GHz
INSERTION LOSS: 1.2dB Max.
ISOLATION: 60dB Min.
VSWR: 1.60:1 Max.
INPUT POWER mW/dBm: 200/23
SWITCHING TIME: 100 nSEC

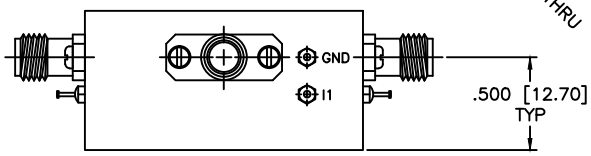




DRIVER SCHOTTKY TTL
VOLTAGE REQUIRED ±5 VDC
CURRENT REQUIRED IS –80 ma, +150 ma PER THROW TYPICAL
INDIVIDUAL TTL CONTROL LOGIC:
LOGIC "0" (–0.3V to +0.8V)=ON
LOGIC "1" (+2.0V to +5.0V)=OFF

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:

MCLI

MICROWAVE COMMUNICATIONS LABORATORIES INC.
7255 30TH AVE. N. SAINT PETERSBURG, FL 33710
TEL: (727) 344–6254 FAX: (727) 381–6116
hhtp://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: PIN DIODE SWITCHES

PART NO. D3–19/ABS

DRAWN: Paiboon Luekhamhan DATE: 05–23–2006

APPROVED: T. Nguyen DATE: 05–23–2006

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

CAGE CODE: 0D2L5
SIZE: A
REV: N/A
DO NOT SCALE THE DRAWING
DWG NO. 82555