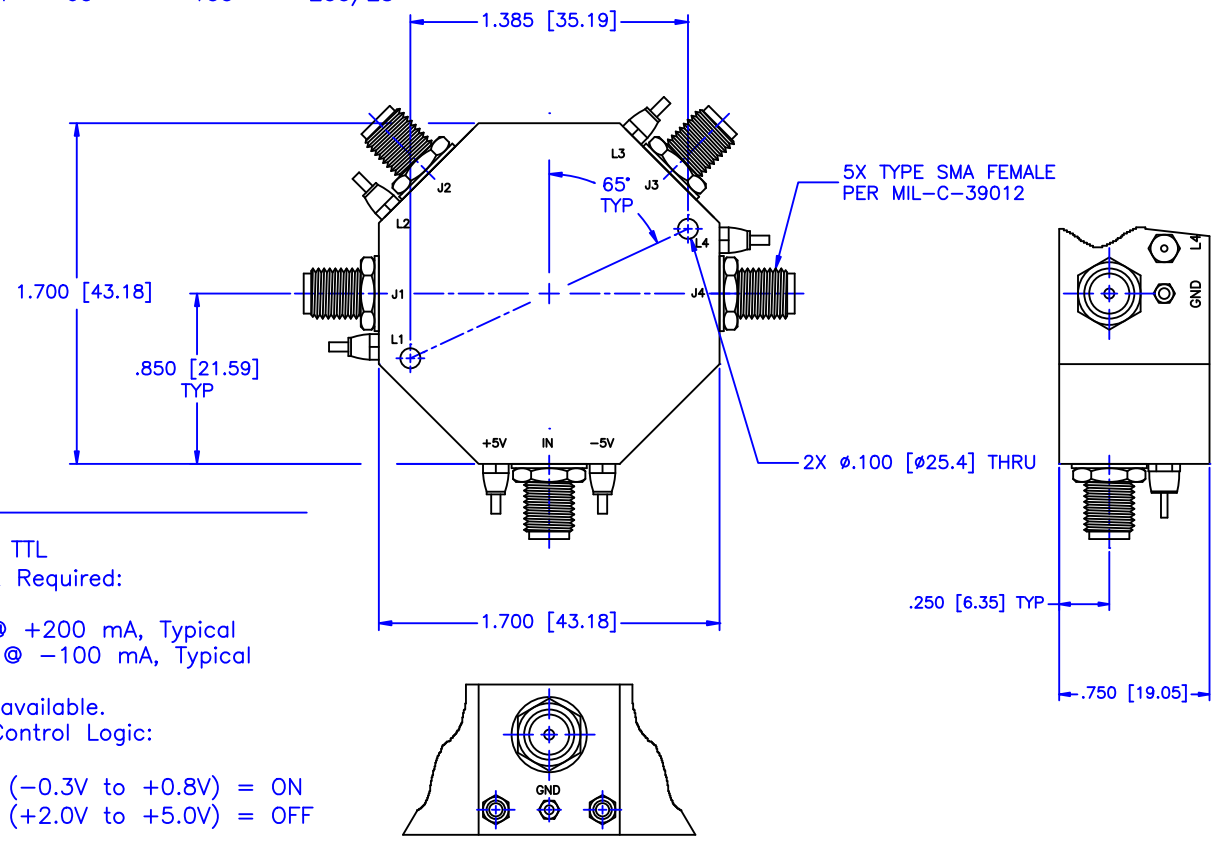
REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED

FREQUENCY RANGE (GHz)	INSERTION LOSS (dB Max)	VSWR (Max)	ISOLATION (dB Min)	SWITCHING SPEED (nsec Max)	INPUT POWER (mb/dBm)
0.3–18.0	3.2	2.00:1	60	100	200/23



Specifications

* Driver Schottky TTL
* Voltage/Current Required:

  +5 Vdc @ +200 mA, Typical
  −5 Vdc @ −100 mA, Typical

* Higher speeds available.
* 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	J4	IN–J1	IN–J2	IN–J3	IN–J4
0	1	1	1	LOSS	ISOL	ISOL	ISOL
1	0	1	1	ISOL	LOSS	ISOL	ISOL
1	1	0	1	ISOL	ISOL	LOSS	ISOL
1	1	1	0	ISOL	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. D4–19

DRAWN: Paiboon Luekhamhan — DATE: 08-16-2005

APPROVED: T. Nguyen — DATE: 08-16-2005

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. 82426