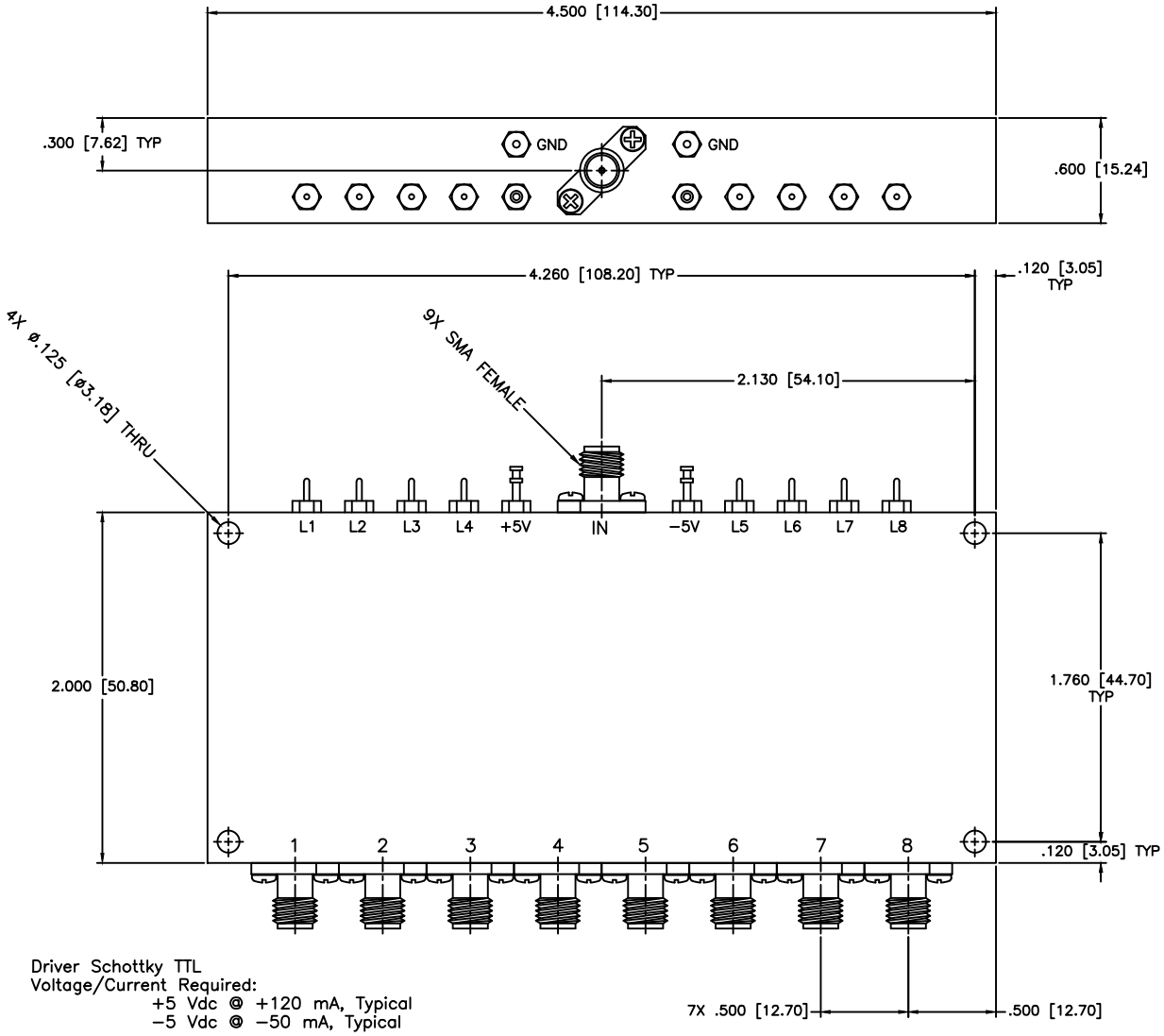
REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED

SPECIFICATIONS

FREQUENCY RANGE: 2–4 GHz
INSERTION LOSS: 1.7dB Max. (1.6dB Max. Reflective)
ISOLATION: 60dB Min.
VSWR: 1.95:1 Max.
INPUT POWER: 200 mW (23 dBm)
SWITCHING TIME: 100 nSEC



Driver Schottky TTL
Voltage/Current Required:
+5 Vdc @ +120 mA, Typical
−5 Vdc @ −50 mA, Typical

Higher speeds available.
Individual TTL Control Logic:
"0" (−0.3V to +0.8V) = ON
"0" (+2.0V to +5.0V) = OFF

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: ±.02 ±.008
ANGLE: ±1/2°

DRAWING TITLE: SP8T PIN DIODE SWITCHES

PART NO. D8–7

DRAWN: Paiboon Luekhamhan — DATE: 04–16–2009

APPROVED: T. Nguyen — 04–16–2009

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. 84378