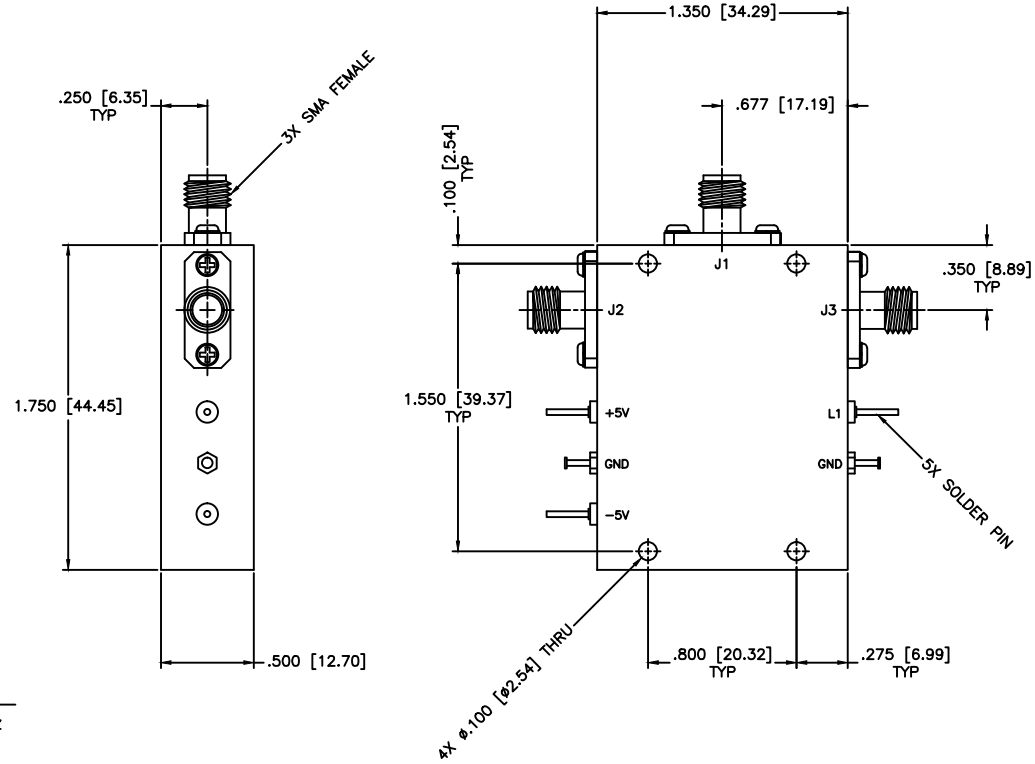
REVISIONS				
ZONE	REV	DESCRIPTION	Date	APPROVED



SPECIFICATIONS

Frequency Range:	7.2–8.5 GHz
Switch Type:	SP2T
Isolation:	55dB min
Insertion Loss:	1.9dB max
VSWR:	2.00:1 Max.
Input Power:	200mW (23dBm)
Switching Time:	100 (nSec)
Driver:	Schottkey TTL
Voltage/Current Required:	±5 Vdc @ ±30 mA, 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	IN–J1	IN–J2
0	Isolation	Insertion Loss
1	Insertion Loss	Isolation

MATERIAL:

DRAWN: Paiboon Luekhamhan DATE: 02-03-2009

APPROVED: T. Nguyen DATE: 02-03-2009

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°

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

DRAWING TITLE: PIN DIODE SWITCHES, ABPORPTIVE

PART NO. D2-14/ABS

CAGE CODE: 0D2L5

SIZE: A REV: N/A

DO NOT SCALE THE DRAWING

DWG NO. 86373