

REVISIONS				
ZONE	REV	DESCRIPTION	Date	APPROVED

DC BIAS (STANDARD)
+5V $\pm 0.5V$ @ 120mA Max.
-15V $\pm 3V$ @ 50 mA Max.

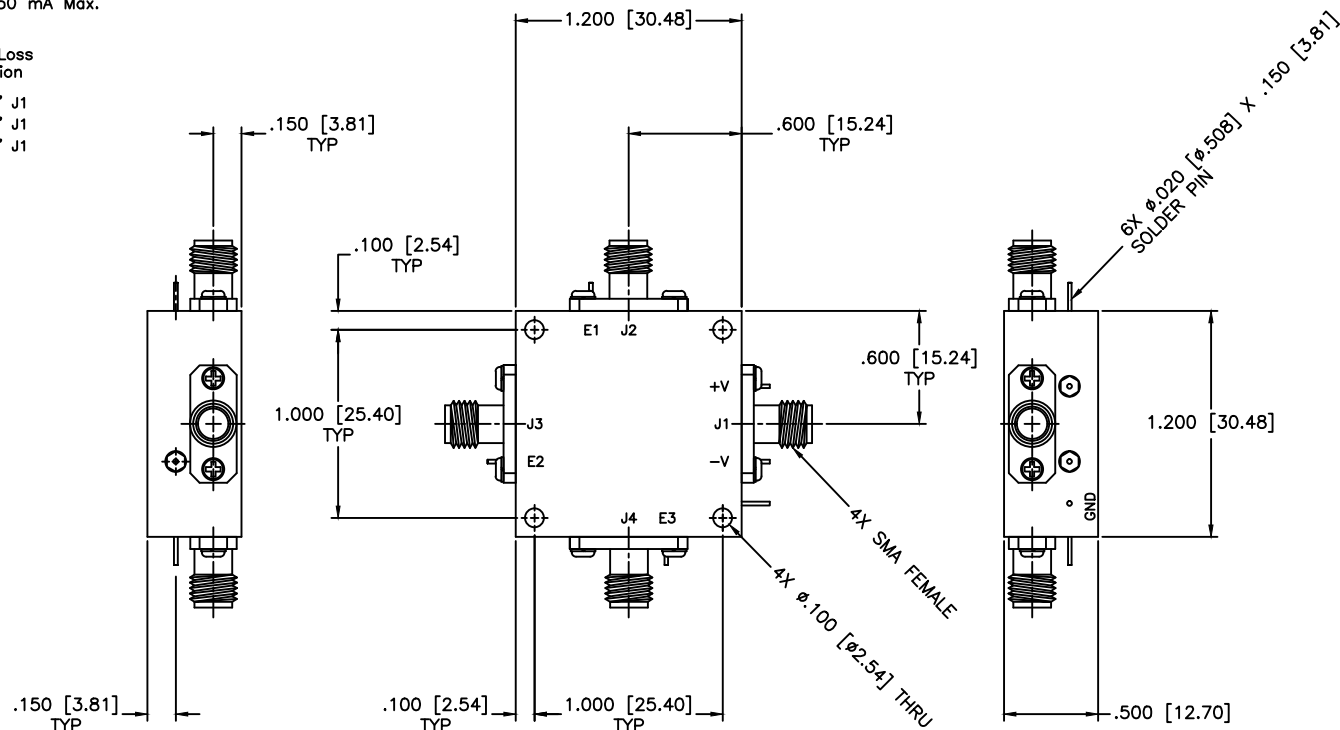
CONTROL

TTL 0 = Low Loss
TTL 1 = Isolation

E1 Controls J2 " J1

E2 Controls J3 " J1

E3 Controls J4 " J1



SPECIFICATIONS

FREQUENCY RANGE: 12–18 GHz
INSERTION LOSS: 3.2dB Max. (3.0dB Max. REFLECTIVE)
ISOLATION: 65dB Min. (60dB Min. REFLECTIVE)
VSWR: 2.00:1 Max.
RF POWER, OPERATING: 0.5W CW
SWITCHING SPEED: 100nSEC Max.

MATERIAL: 		MCLI 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
		UNLESS OTHERWISE SPECIFIED: TOLERANCES IN (INCHES) OR [mm] (MILLIMETERS) FRACTIONS: $\pm 1/64$ DECIMALS: $\pm 0.02 \pm 0.008$ ANGLE: $\pm 1/2^\circ$		SHEET: N/A
DRAWING TITLE: SP3T, PIN DIODE SWITCHES		PART NO. D3-16		
DRAWN: Paiboon Luekhamhan	DATE: 02-03-2009	PROPERTY 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: OD2L5	SIZE: A
APPROVED: T. Nguyen	DATE: 02-03-2009	THIRD ANGLE PROJECTION	REV: N/A	DWG NO. 84133
			DO NOT SCALE THE DRAWING	