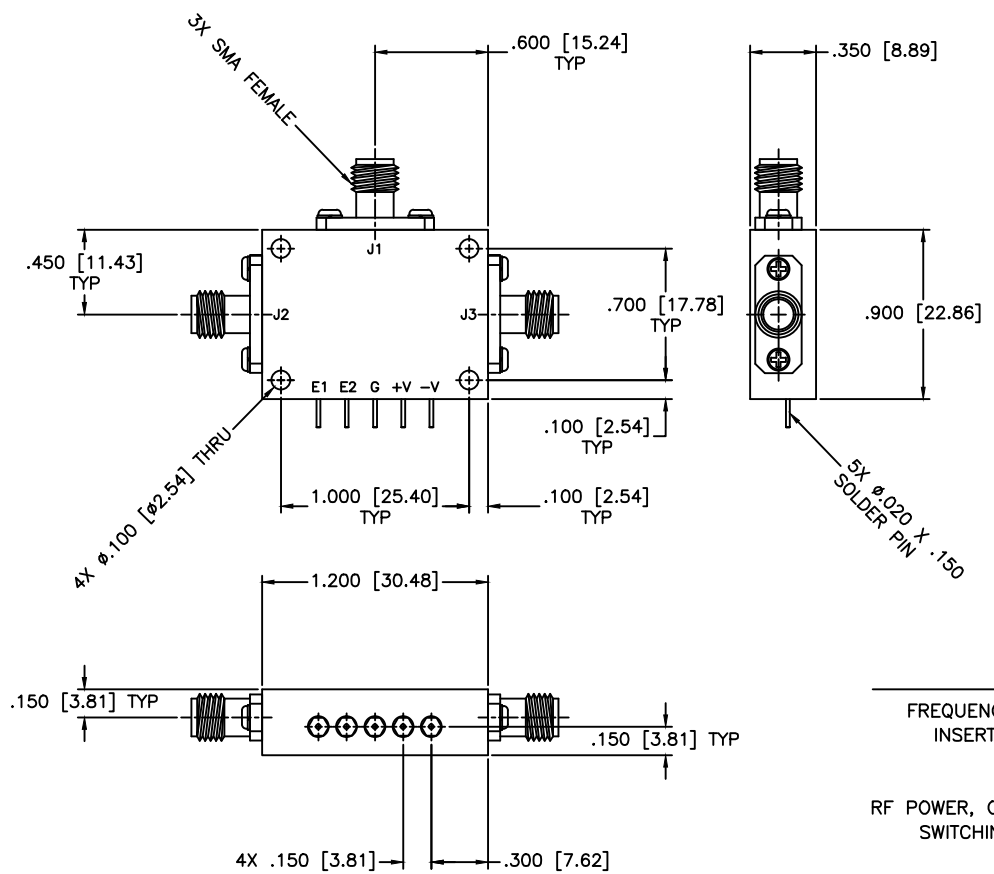


REVISIONS				
ZONE	REV	DESCRIPTION	Date	APPROVED



**SPECIFICATIONS**

FREQUENCY RANGE: 2-18 GHz  
 INSERTION LOSS: 3.1dB Max.  
 ISOLATION: 65dB Min.  
 VSWR: 2.00:1 Max. (50 OHMS)  
 RF POWER, OPERATING: 0.5W CW Max.  
 SWITCHING SPEED: 100nSec Max.

DC BIAS (STANDARD)  
 +5V ±0.5V @ 80mA Max.  
 -15V ±3V @ 50 mA Max.

CONTROL  
 TTL 0 = Low Loss    E1 Controls J2 - J1  
 TTL 1 = Isolation    E2 Controls J3 - J1

MATERIAL:	
DRAWN:	DATE:
Paiboon Luekhamhan	12-03-2014
APPROVED:	DATE:
T. Nguyen	12-03-2014

**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
SHEET:	N/A

UNLESS OTHERWISE SPECIFIED:  
 TOLERANCES  
 IN (INCHES) OR [mm] (MILLIMETERS)  
 FRACTIONS: ± 1/64  
 DECIMALS: ±.02 ±.008  
 ANGLE: ±1/2°

DRAWING TITLE:  
 PIN DIODE SWITCHES, ABSORPTIVE

PART NO.  
 D2-9/ABS

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:  
 OD2L5

SIZE: A    REV: N/A  
 DO NOT SCALE THE DRAWING

DWG NO.  
 82814