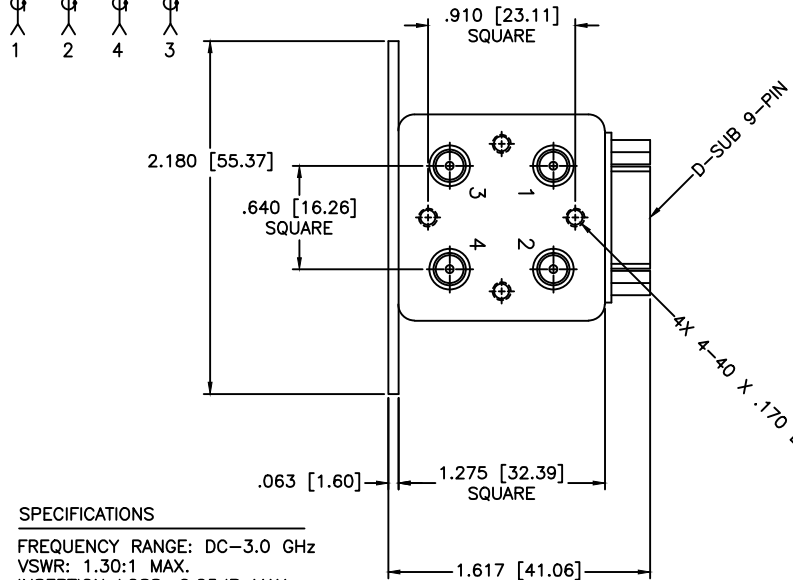
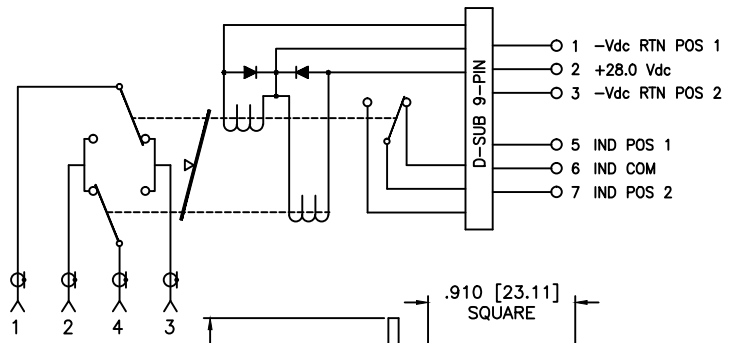


SCHEMATIC
LATCHING, INDICATOR, SUPPRESSION DIODE, D-SUB 9-PIN



SPECIFICATIONS
 FREQUENCY RANGE: DC-3.0 GHz
 VSWR: 1.30:1 MAX.
 INSERTION LOSS: 0.25dB MAX.
 ISOLATION: 75dB MIN.

MECHANICAL
 CONTACT: BREAK BEFORE MAKE
 ACTUATOR: LATCHING
 SWITCHING SPEED: 20 mSEC MAX

ELECTRICAL
 ACTUATOR VOLTAGE: 28.0±3.0 Vdc
 ACTUATOR CURRENT: 200mA MAX @ 28.0 Vdc
 POWER HANDLING: 200W CW @ 1.0GHz
 IMPEDANCE: 50 Ohms

ENVIRONMENTAL
 OPERATING TEMP: -54°C to +90°C
 SINE VIBRATION: 30 G'S rms
 LIFE: 1,000,000 CYCLES
 RANDOM VIBRATION: 20 G'S rms

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED

D-SUB 9-PIN	
PIN	FUNCTION
1	- (POS 1)
2	+28.0 Vdc
3	- (POS 2)
4	NONE
5	IND. POS 1
6	IND. COMMON
7	IND. POS 2
8	NONE
9	NONE

MATERIAL:		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
DRAWING TITLE:		ELECTROMECHANICAL SWITCHES		
PART NO.:		C1-3-LIS/28P/C		
UNLESS OTHERWISE SPECIFIED: TOLERANCES IN (INCHES) OR [mm] (MILLIMETERS) FRACTIONS: ± 1/64 DECIMALS: ± .02 ± .009 ANGLE: ± 1/2°	FREQUENCY NOTES: 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	
DRAWN: Paiboon Luengkhamhan DATE: 09-20-2011	APPROVED: T. Nguyen DATE: 09-20-2011	THIRD ANGLE PROJECTION 	SIZE: N/A REV: N/A DO NOT SCALE THE DRAWING	DWG NO. 85890