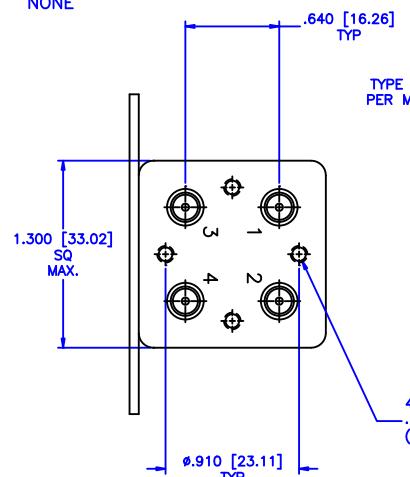
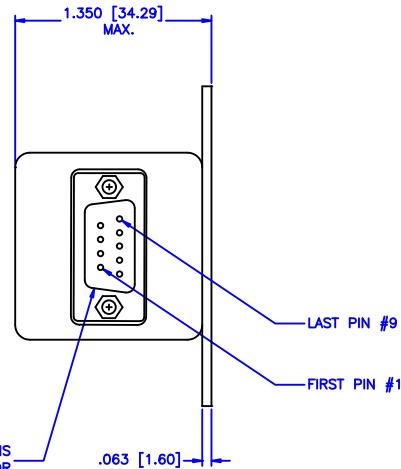
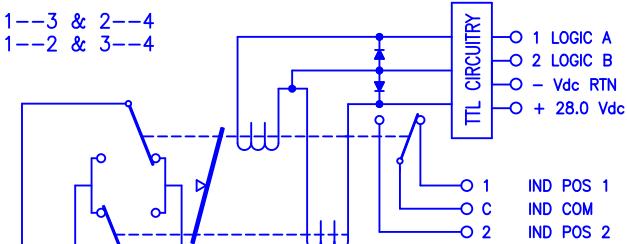
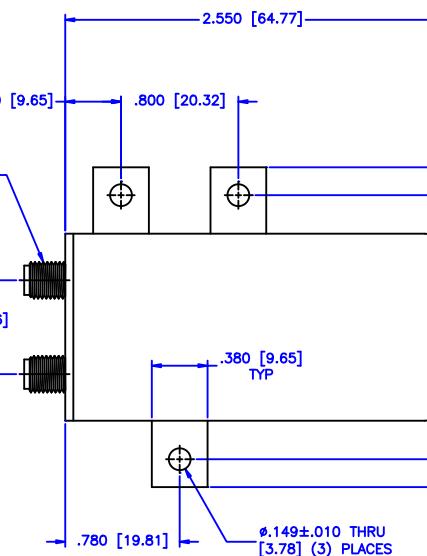


## D SUB 9 PINS CONNECTOR

PIN	APPLICATIONS	FUNCTION
1	+5.0 Vdc	RF POS 1
2	+5.0 Vdc	RF POS 2
3	SPARE	NONE
4	Vdc RTN	SUPPLY
5	+28.0 Vdc	SUPPLY
6	INDICATOR	IND. POS 1
7	INDICATOR	IND. POS 2
8	INDICATOR	IND. COMMON
9	SPARE	NONE



TYPE SMA FEMALE  
PER MIL-C-39012  
(4) PLACES  
.640 [16.26] TYP  
.380 [9.65]  
.800 [20.32]  
2.550 [64.77]  
4-40UNC THD  
.170 DEEP  
(4) PLACES



## MECHANICAL

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

## ELECTRICAL

ACTUATOR VOLTAGE: 28.0±3.0 Vdc  
ACTUATOR CURRENT: 0.125 A MAX @ 28.0 Vdc  
POWER HANDLING: 200W CW @ 1.0 GHz

## 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

## SPECIFICATION:

FREQ. RANGE:	GHz	DC-2.0	2.0-4.0	4.0-8.0	8.0-12.4
VSWR:	Max	1.20:1	1.25:1	1.30:1	1.40:1
INSERTION LOSS:	dB	0.20	0.25	0.30	0.40
ISOLATION:	dB	90	80	80	70
IMPEDANCE (Ohms):		50			

MATERIAL:	MICROWAVE COMMUNICATIONS LABORATORIES INC. 7255 30TH AVE. N. SAINT PETERSBURG, FL 33710 TEL: (727) 344-6254 FAX: (727) 381-6116 <a href="http://WWW.MCLI.COM">http://WWW.MCLI.COM</a>			SCALE: N/A
UNLESS OTHERWISE SPECIFIED: TOLERANCES IN (INCHES) OR [mm] (MILLIMETERS) FRACTIONS: ± 1/64 DECIMALS: ± .01 ±.005 ANGLE: ± 1/2°			DRAWING TITLE: COAXIAL RF SWITCHES	SHEET: N/A
DRAWN: Paiboon Luekhamhan	DATE: 01-06-2009	PART NO. C1-6-LISLC		
APPROVED: T. Nguyen	DATE: 01-06-2009	CAGE CODE: 0D2L5		
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)			SIZE: N/A	REV: B
			DWG NO. 81676	
DO NOT SCALE THE DRAWING				