

## MECHANICAL

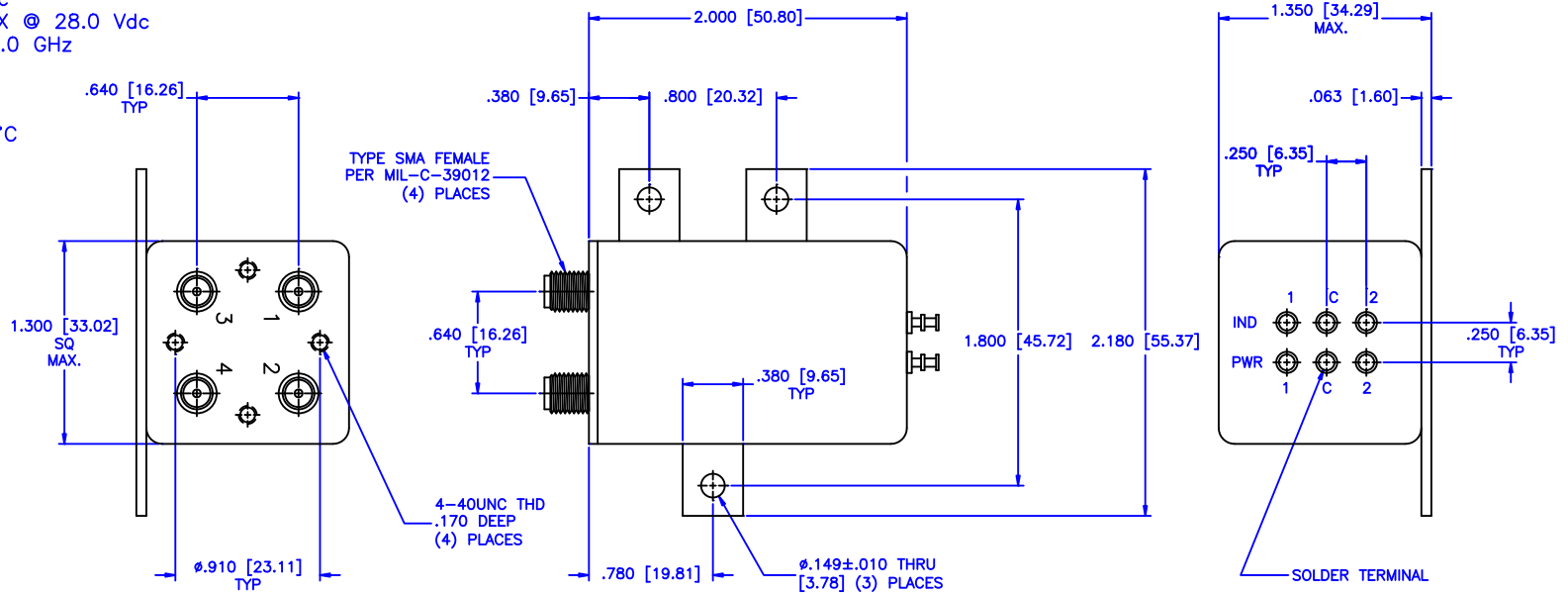
CONTACT: BREAK BEFORE MAKE  
ACTUATOR: LATCHING  
SWITCHING SPEED: 20 mSEC MAX

## ELECTRICAL

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

## ENVIRONMENTAL

OPERATING TEMP:  $-54^{\circ}\text{C}$  TO  $+90^{\circ}\text{C}$   
SINE VIBRATION: 30 G'S rms  
LIFE: 1,000,000 CYCLES  
RANDOM VIBRATION: 20 G'S rms



## SPECIFICATION:

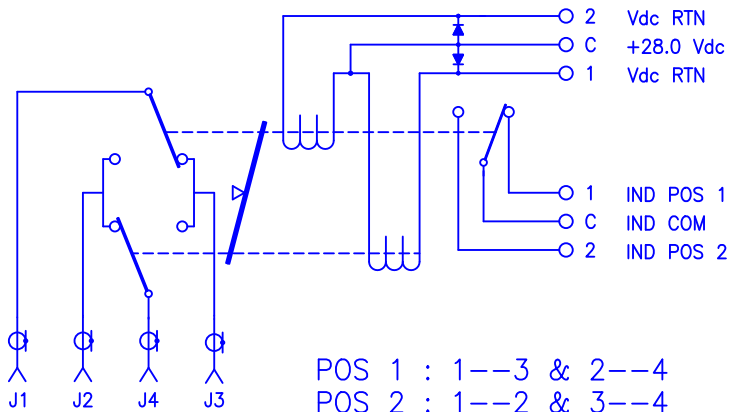
FREQUENCY RANGE (GHz): DC-2.0 2.0-4.0 4.0-8.0 8.0-12.4 12.4-18.0

VSWR (Max.): 1.20:1 1.25:1 1.30:1 1.40:1 1.50:1

INSERTION LOSS (dB): 0.20 0.25 0.30 0.40 0.50

ISOLATION (dB): 90 80 80 70 60

IMPEDANCE (Ohms): 50



MATERIAL:		<b>MCLI</b> 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: $\pm .01 \pm .005$ ANGLE: $\pm 1/2^{\circ}$		SHEET: N/A	
DRAWN: Paiboon Luekhamhan		DATE: 03-31-2001		DRAWING TITLE: ELECTROMECHANICAL SWITCHES	
APPROVED: T. Nguyen		DATE: 03-31-2001		PART NO. C1-7-LIS/28P	
		THIRD ANGLE PROJECTION		CAGE CODE: OD2L5	
				SIZE: N/A	
				REV: N/A	
				DWG NO. 82260	
				DO NOT SCALE THE DRAWING	