

## MECHANICAL

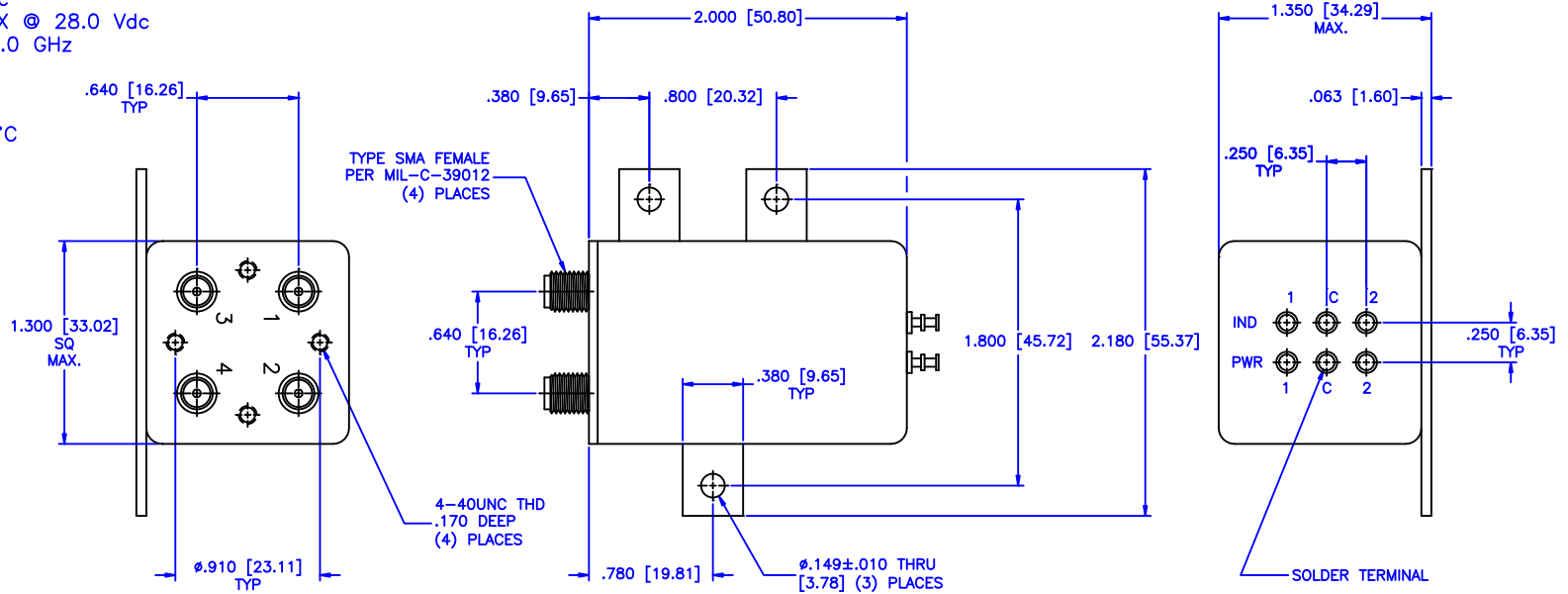
CONTACT: BREAK BEFORE MAKE  
ACTUATOR: LATCHING  
SWITCHING SPEED: 20 mSEC MAX

## 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

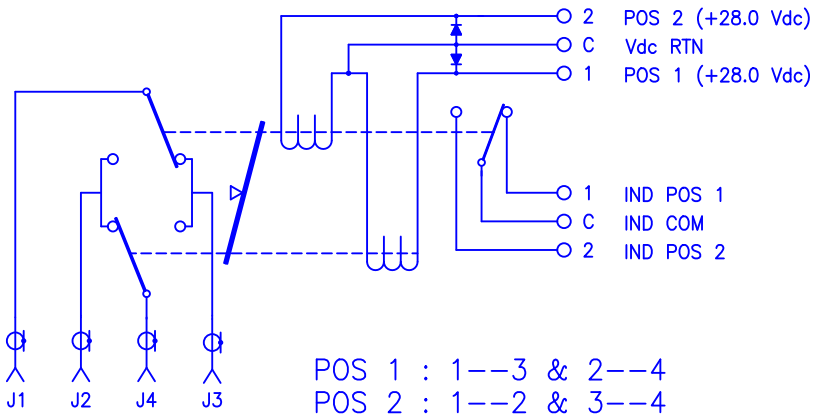
## ENVIRONMENTAL

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	
		THIRD ANGLE PROJECTION		CAGE CODE: OD2L5	
				SIZE: N/A	
				REV: N/A	
				DWG NO. 82255	
				DO NOT SCALE THE DRAWING	