

MECHANICAL

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

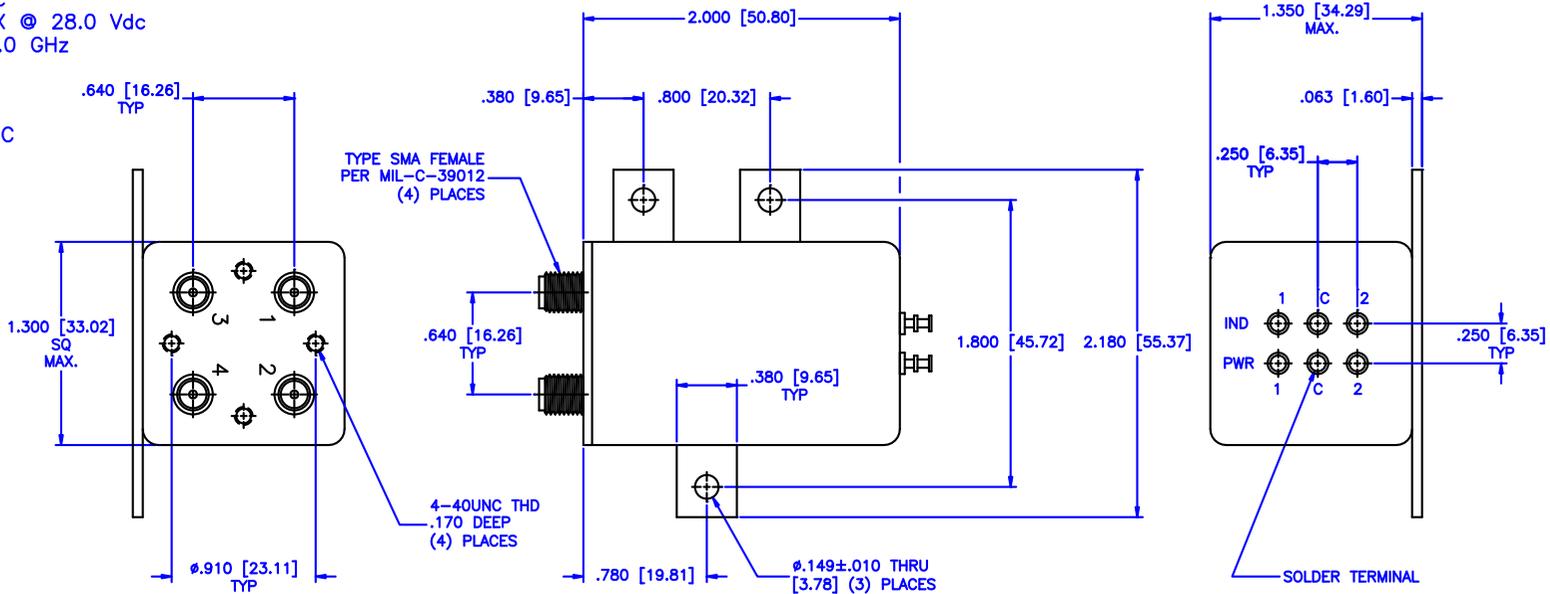
ELECTRICAL

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

ENVIRONMENTAL

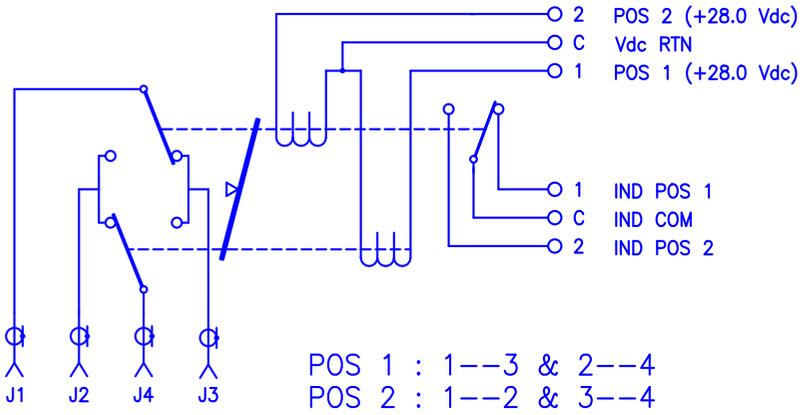
OPERATING TEMP: -54°C TO +90°C
 SINE VIBRATION: 30 G'S rms
 LIFE: 1,000,000 CYCLES
 RANDOM VIBRATION: 20 G'S rms

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED



SPECIFICATION:

FREQUENCY RANGE (GHz):	DC-2.0	2.0-4.0	4.0-8.0	8.0-13
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	50	50	50



POS 1 : 1--3 & 2--4
 POS 2 : 1--2 & 3--4

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
UNLESS OTHERWISE SPECIFIED: TOLERANCES IN (INCHES) OR [mm] (MILLIMETERS) FRACTIONS: ± 1/64 DECIMALS: ±.01 ±.005 ANGLE: ±1/2°		DRAWING TITLE: ELECTROMECHANICAL SWITCHES	
DRAWN: Paiboon Luekhamhan		PART NO.: C1-9-LI	
DATE: 11-22-2010		CAGE CODE: OD2L5	
APPROVED: T. Nguyen		DATE: 11-22-2010	
PROPRIETARY NOTICE: THE INFORMATION IN THIS DRAWING IS PROPRIETARY AND SHALL NOT BE USED OR REPRODUCED WITHOUT WRITTEN PERMISSION FROM MICROWAVE COMMUNICATIONS LABORATORIES INC. (MCLI)		SIZE: N/A	REV: N/A
THIRD ANGLE PROJECTION		DWG NO.: 85116	
DO NOT SCALE THE DRAWING			