

REVISIONS		DESCRIPTION	DATE	APPROVED
ZONE	REV			

MECHANICAL

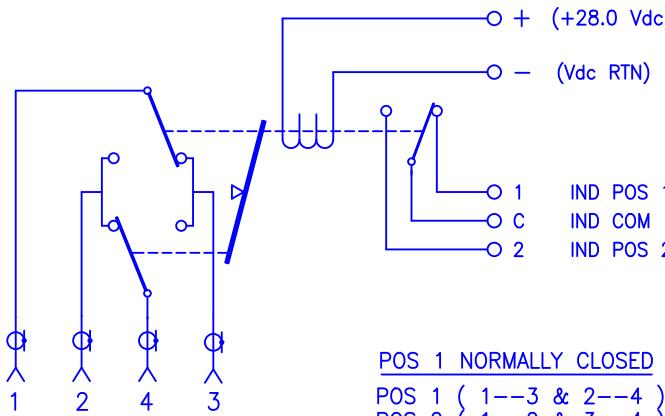
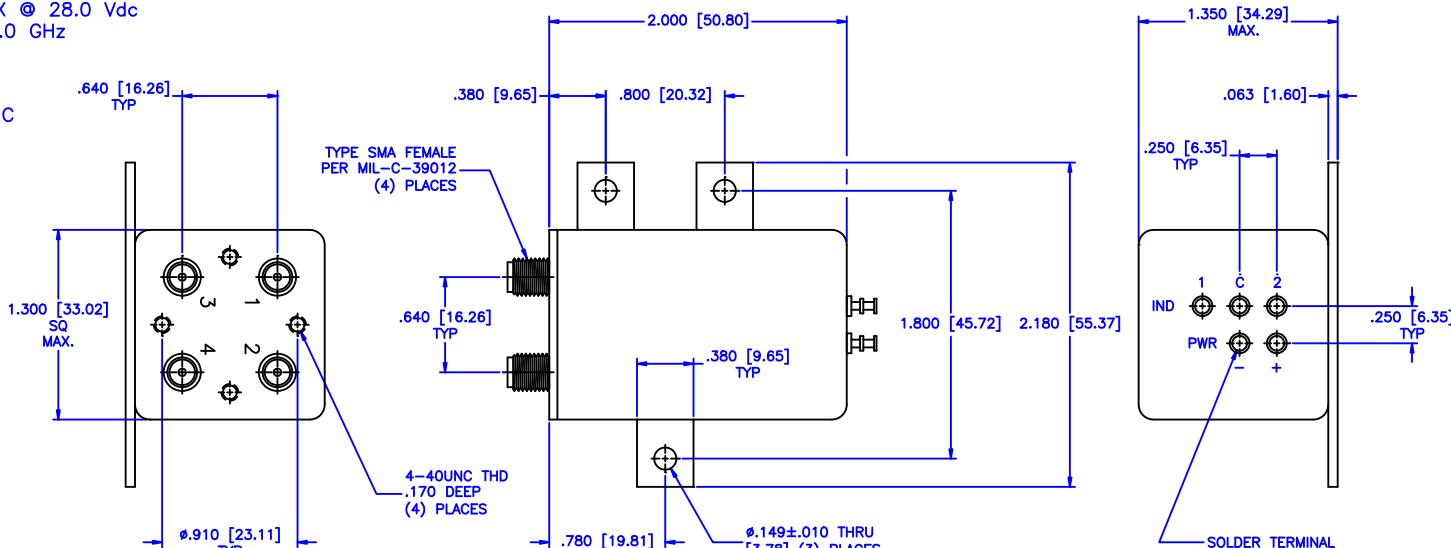
CONTACT: BREAK BEFORE MAKE
ACTUATOR: FAILSAFE
SWITCHING SPEED: 20 mSEC MAX

ELECTRICAL

ACTUATOR VOLTAGE: 28.0 ± 3.0 Vdc
ACTUATOR CURRENT: 0.190 A MAX @ 28.0 Vdc
POWER HANDLING: 200W CW @ 1.0 GHz

ENVIRONMENTAL

OPERATING TEMP: -54°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:	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
MCLI		SHEET: N/A	
DRAWING TITLE: ELECTROMECHANICAL SWITCHES			
PART NO. C1-7-F1			
DRAWN: Paiboon Luekhamhan	DATE: 03-31-2001	DRAWING NOTES: UNLESS OTHERWISE SPECIFIED: TOLERANCES IN (INCHES) OR [mm] (MILLIMETERS) FRACTIONS: $\pm 1/64$ DECIMALS: $\pm .01$ $\pm .005$ ANGLE: $\pm 1/2^\circ$	
APPROVED: T. Nguyen	DATE: 03-31-2001	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)	
		ANGLE PROJECTION	
		CAGE CODE: 0D2L5	
		SIZE: N/A	REV: N/A
		DO NOT SCALE THE DRAWING	
		DWG NO. 82257	