

# MECHANICAL

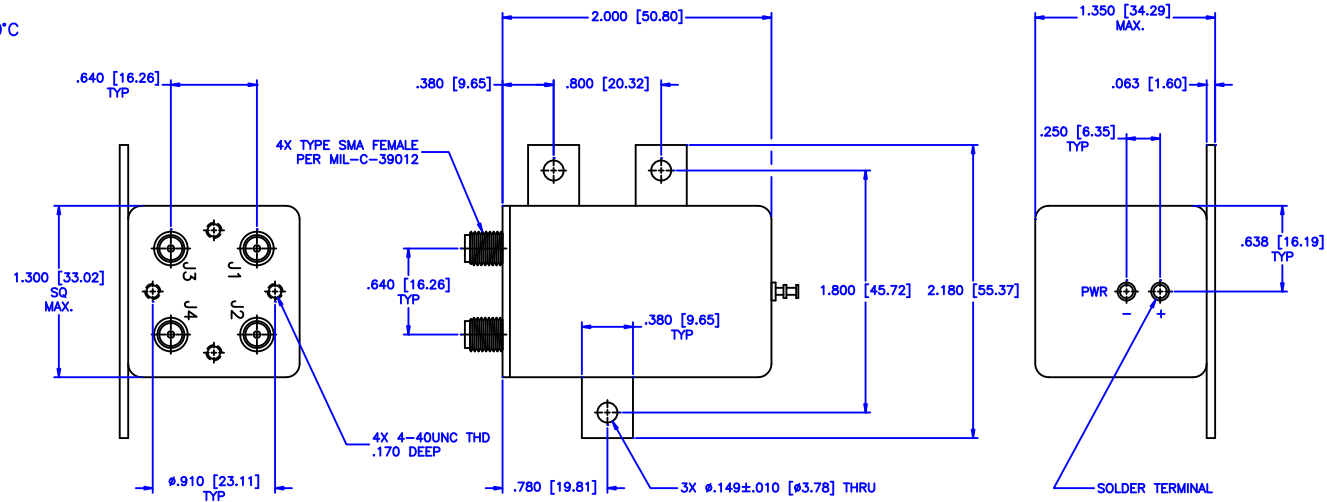
CONTACT: BREAK BEFORE MAKE  
ACTUATOR: FAILSAFE  
SWITCHING SPEED: 20 mSEC MAX

# ELECTRICAL

ACTUATOR VOLTAGE: 28.0 Vdc (22.0–32.0 Vdc)  
ACTUATOR CURRENT: 0.190 A MAX @ 28.0 Vdc  
POWER HANDLING: 200W CW @ 1.0 GHz

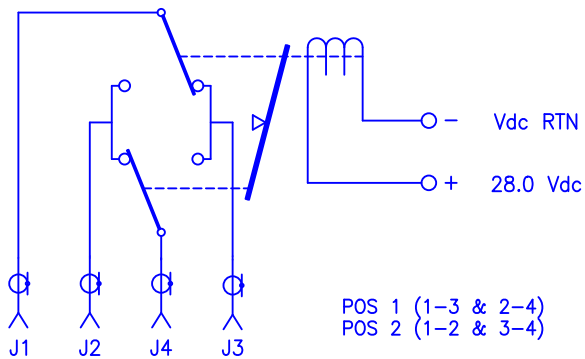
# ENVIRONMENTAL

OPERATING TEMP: –54°C TO +90°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 SHEET: N/A	
UNLESS OTHERWISE SPECIFIED: TOLERANCES IN (INCHES) OR (mm) (MILLIMETERS) FRACTIONS: ± 1/64 DECIMALS: ±.01 ±.005 ANGLE: ±1/2°		DRAWING TITLE: <b>ELECTROMECHANICAL SWITCHES</b>			
PART NO. <b>C1-7-F</b>		CAGE CODE: OD2L5 SIZE: N/A REV: N/A DWG NO. 82256			
DRAWN: Paiboon Luekhamhan DATE: 03-31-2001 APPROVED: T. Nguyen DATE: 03-31-2001		THIRD ANGLE PROJECTION 			