

# MECHANICAL

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

# ELECTRICAL

ACTUATOR VOLTAGE: 28.0 Vdc  
ACTUATOR CURRENT: 0.100 A MAX @ 28.0 Vdc  
POWER HANDLING: 200W CW @ 1.0 GHz

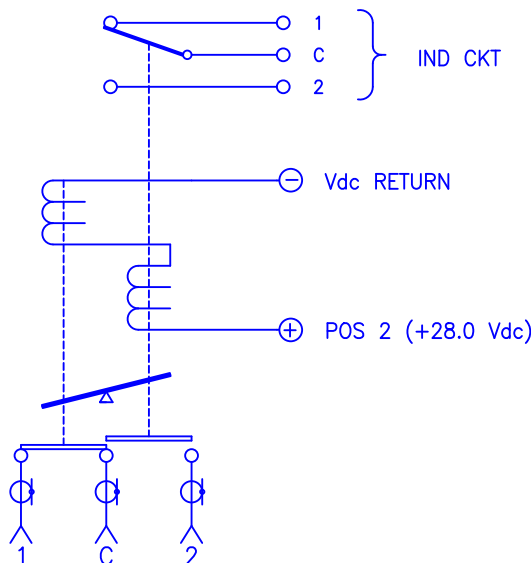
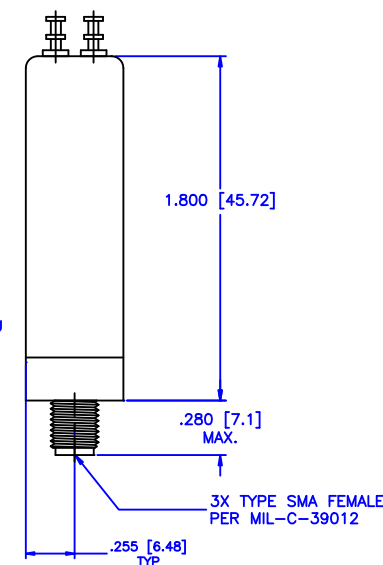
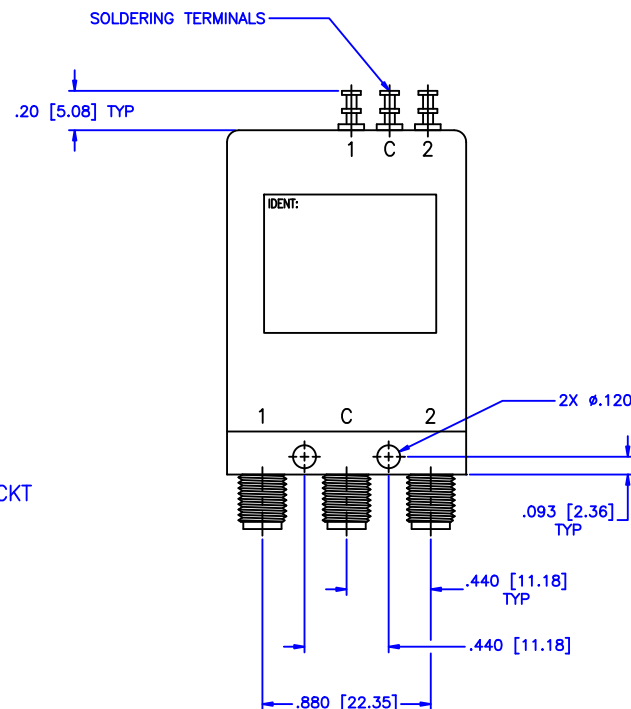
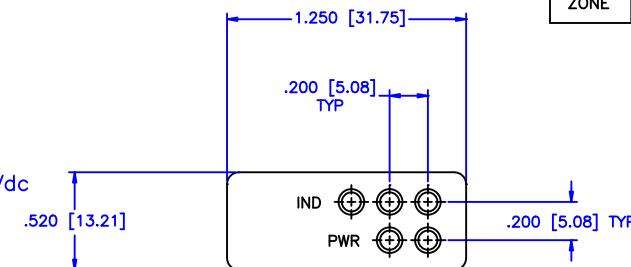
# ENVIRONMENTAL

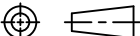
OPERATING TEMP: -54° C TO +90° C  
SINE VIBRATION: 30 G'S rms  
LIFE: 1,000,000 CYCLES  
RANDOM VIBRATION: 20 G'S rms

REVISIONS				
ZONE	REV	DESCRIPTION	Date	APPROVED

## SPECIFICATION:

FREQUENCY RANGE (GHz):	DC-2.0	2.0-4.0	4.0-8.0	8.0-12.4	12.4-18.0	18.0-26.5
VSWR (Max.):	1.20:1	1.25:1	1.30:1	1.40:1	1.50:1	1.50:1
INSERTION LOSS (dB):	0.20	0.25	0.30	0.40	0.50	0.50
ISOLATION (dB):	90	80	80	70	60	60
IMPEDANCE (Ohms):	50					



MATERIAL:		<div><div>MCLI</div><div>MICROWAVE COMMUNICATIONS LABORATORIES INC. 7255 30TH AVE. N. SAINT PETERSBURG, FL 33710 TEL: (727) 344-6254 FAX: (727) 381-6116 http://WWW.MCLI.COM</div></div>		SCALE: N/A	
		UNLESS OTHERWISE SPECIFIED: TOLERANCES IN (INCHES) OR (mm) (MILLIMETERS) FRACTIONS: ± 1/64 DECIMALS: ±.01 ±.005 ANGLE: ±1/2°		DRAWING TITLE:  ELECTROMECHANICAL SWITCHES	
		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)  THIRD ANGLE PROJECTION 		PART NO.  K2-8-FI	
				CAGE CODE:  0D2L5	
DRAWN:  Paiboon Luekhamhan		DATE:  03-04-2001		DWG NO.  82180	
APPROVED:  T. Nguyen		DATE:  03-04-2001			