

## MECHANICAL

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

## ELECTRICAL

ACTUATOR VOLTAGE: 12.0 Vdc  
ACTUATOR CURRENT: 0.100 A MAX @ 28.0 Vdc  
POWER HANDLING: 200W CW @ 1.0 GHz

## ENVIRONMENTAL

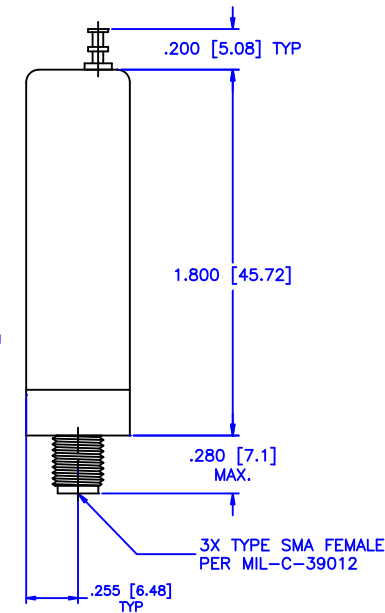
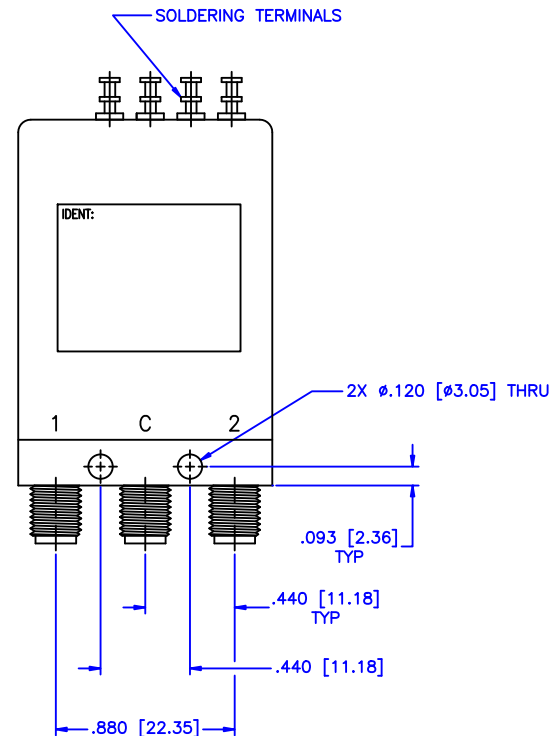
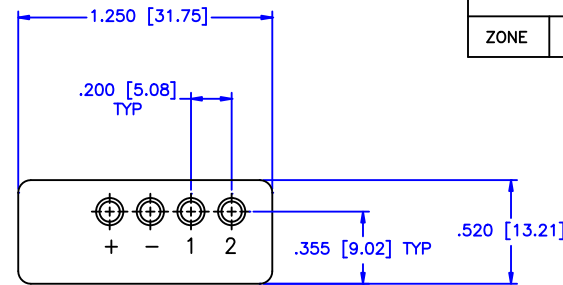
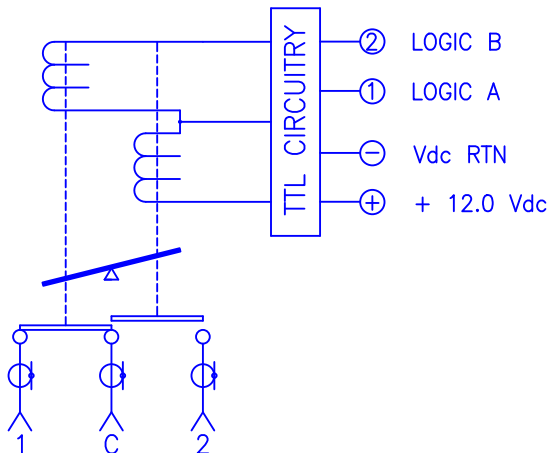
OPERATING TEMP: -54° C TO +90° C  
SINE VIBRATION: 30 G'S rms  
LIFE: 1,000,000 CYCLES  
RANDOM VIBRATION: 20 G'S rms

REVISIONS				
ZONE	REV	DESCRIPTION	Date	APPROVED

### SPECIFICATION:

FREQUENCY RANGE (GHz): DC-2.0  
VSWR (Max.): 1.20:1  
INSERTION LOSS (dB): 0.20  
ISOLATION (dB): 90  
IMPEDANCE (Ohms): 50

TABLE	
(-)	-12 VDC
(+)	+12 VDC
(1)	+5 VDC TTL
(2)	+5 VDC TTL



MATERIAL:		<b>MCLI</b> MICROWAVE COMMUNICATIONS LABORATORIES INC. 7255 30TH AVE. N. SAINT PETERSBURG, FL 33710 TEL: (727) 344-6254 FAX: (727) 381-6116 <a href="http://WWW.MCLI.COM">http://WWW.MCLI.COM</a>		SCALE: 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>		SHEET: N/A	
PART NO. <b>K2-2-LL/12P</b>		CAGE CODE: <b>OD2L5</b>		SIZE: A	
REV: N/A		DWG NO. <b>82337</b>		DO NOT SCALE THE DRAWING	
DRAWN: Paiboon Luekhamhan		DATE: 01-10-2005		APPROVED: T. Nguyen	
DATE: 01-10-2005		THIRD ANGLE PROJECTION			