

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

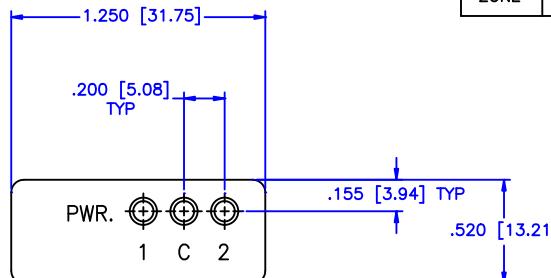
ENVIRONMENTAL

OPERATING TEMP: -54° C TO +90° C

SINE VIBRATION: 30 G'S rms

LIFE: 1,000,000 CYCLES

RANDOM VIBRATION: 20 G'S rms

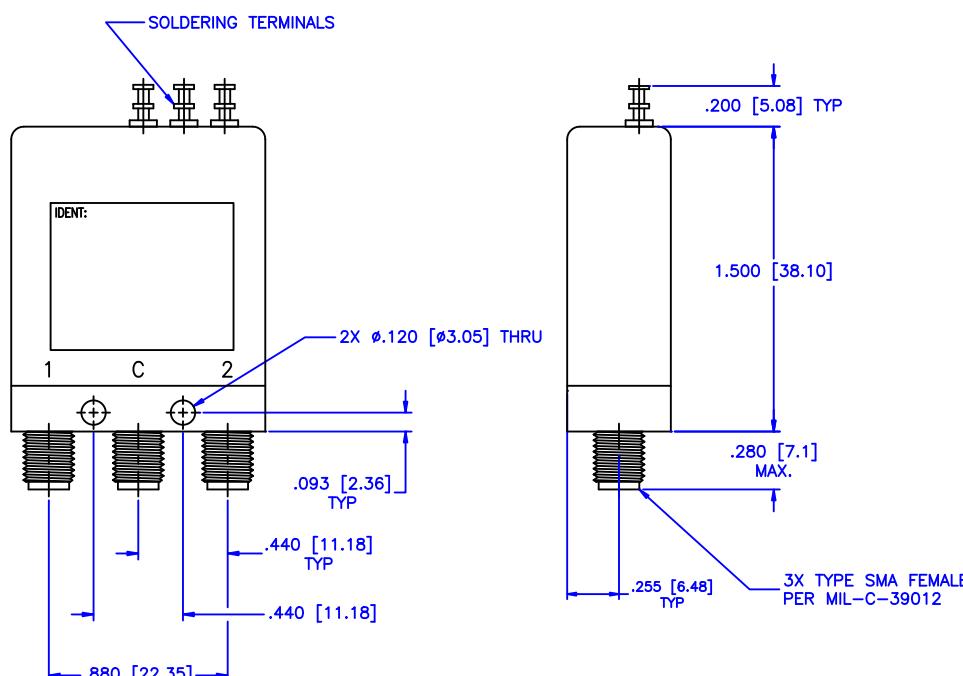


REVISIONS

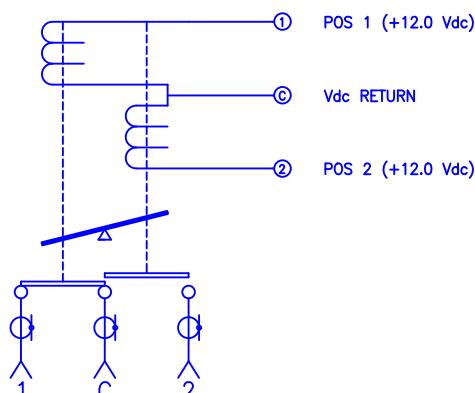
ZONE	REV	DESCRIPTION	Date	APPROVED
------	-----	-------------	------	----------

SPECIFICATION:

FREQUENCY RANGE (GHz):	DC-2.0	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	1.60:1
INSERTION LOSS (dB):	0.20	0.25	0.30	0.40	0.70	0.070
ISOLATION (dB):	90	80	80	70	60	50
IMPEDANCE (Ohms):	50					



SCHEMATIC: LATCHING



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

DRAWING TITLE:

ELECTROMECHANICAL SWITCHES

DRAWN: Paiboon Luekhamhan DATE: 03-04-2001

UNLESS OTHERWISE SPECIFIED:  
TOLERANCES  
IN (INCHES) OR [mm] (MILLIMETERS)  
FRACTIONS:  $\pm 1/64$   
DECIMALS:  $\pm 0.01 \pm 0.005$   
ANGLE:  $\pm 1/2^\circ$

DRAWING NO.:

K2-8-L/12P

APPROVED: T. Nguyen DATE: 03-04-2001

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)

THIRD ANGLE PROJECTION  
CAGE CODE: 0D2L5

SIZE: A REV: N/A DWG NO. 82183  
DO NOT SCALE THE DRAWING