

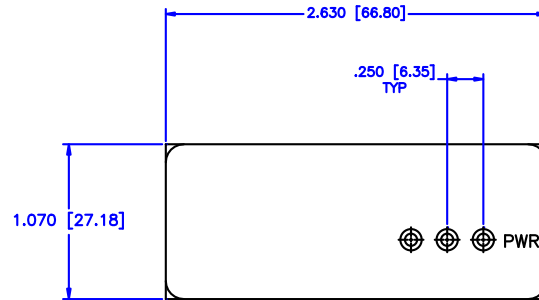
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REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED



SPECIFICATION:

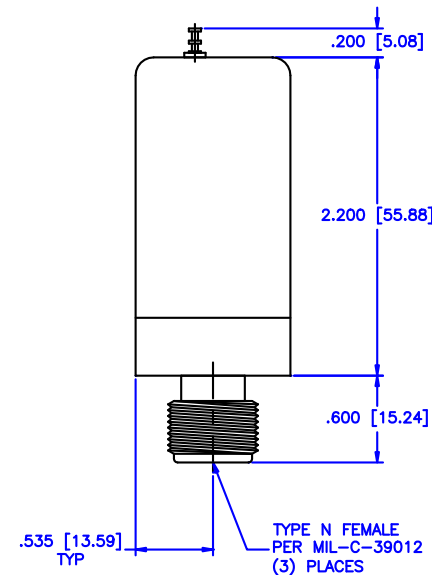
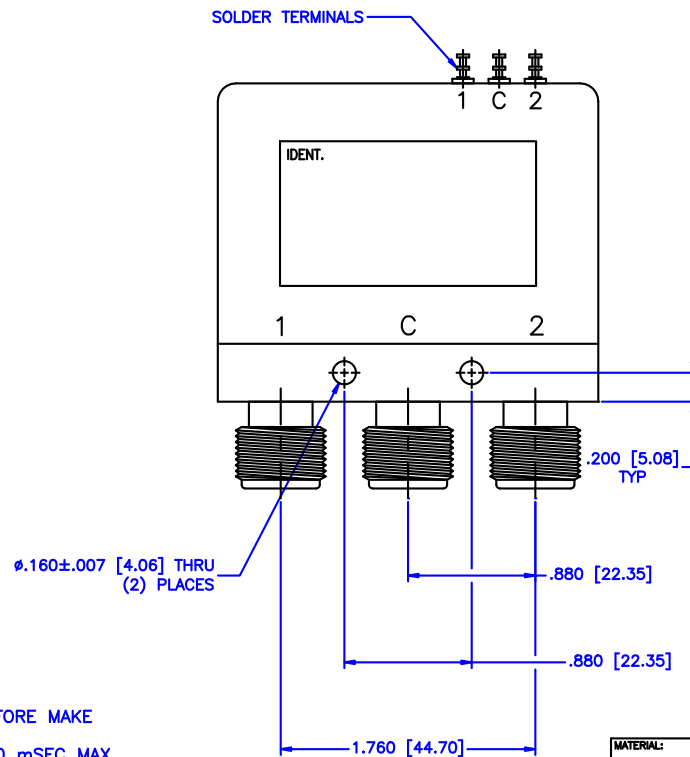
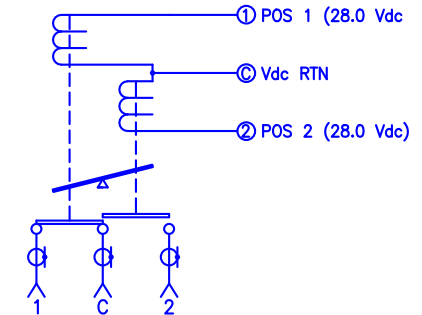
FREQUENCY RANGE: DC-1.0 GHz

VSWR: 1.20:1 Max.

INSERTION LOSS: 0.20dB

ISOLATION: 90dB

IMPEDANCE: 50 Ohms



MECHANICAL

CONTACT: BREAK BEFORE MAKE

ACTUATOR: LATCHING

SWITCHING SPEED: 20 mSEC MAX

#### ELECTRICAL

ACTUATOR VOLTAGE: 28.0 Vdc (22.0-32.0 Vdc)

ACTUATOR CURRENT: 0.100 A MAX @ 28.0 Vdc

POWER HANDLING: 350W CW @ 1.0 GHz

#### ENVIRONMENTAL

OPERATING TEMP: -54°C TO +90°C

SINE VIBRATION: 30G'S rms

LIFE: 1,000,000 CYCLES

RANDOM VIBRATION: 20G'S rms

MATERIAL:

**MCLI**

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:  $\pm 1/64$   
DECIMALS:  $\pm 0.01 \pm 0.005$   
ANGLE:  $\pm 1/2^\circ$

DRAWING TITLE:

ELECTROMECHANICAL SWITCHES

PART NO.

K5-1-L

DRAWN: Paiboon Luekhamhan

DATE: 10-27-2010

APPROVED: T. Nguyen

DATE: 10-27-2010

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)



CAGE CODE:

OD2L5

SIZE:

N/A

REV:

N/A

DWG NO.

85090

DO NOT SCALE THE DRAWING

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