

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: 200W CW @ 1.0 GHz

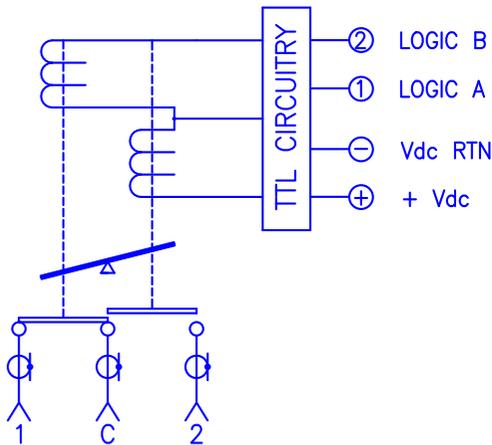
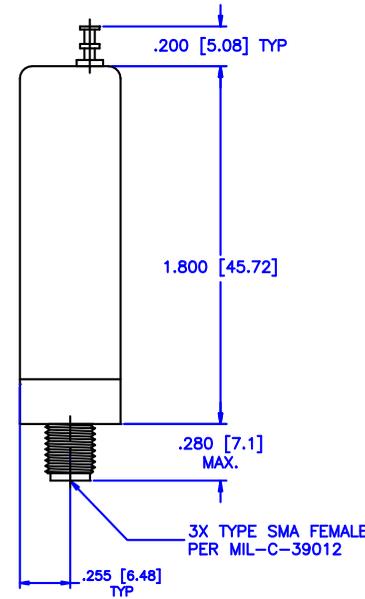
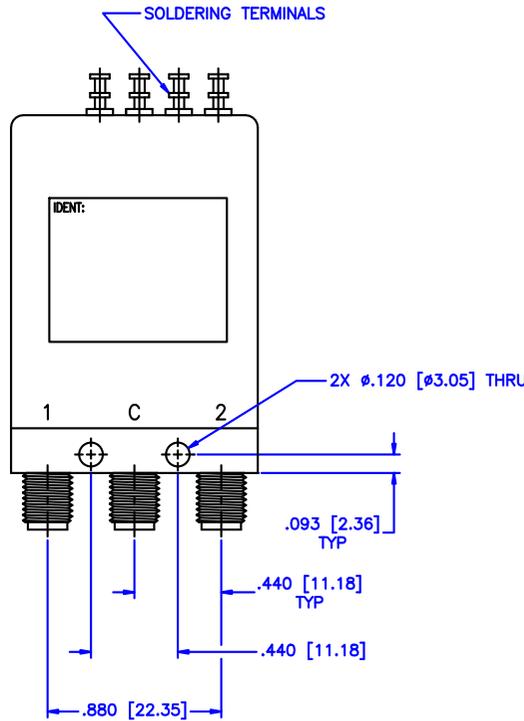
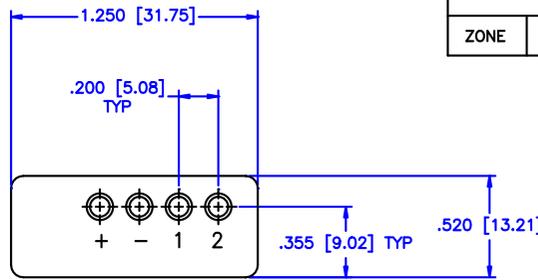
ENVIRONMENTAL

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:

	DC-2.0	2.0-4.0	4.0-8.0	8.0-12.4	12.0-18.0
FREQUENCY RANGE (GHz):	DC-2.0	2.0-4.0	4.0-8.0	8.0-12.4	12.0-18.0
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	50	50	50	50



MATERIAL:	
DRAWN: Paiboon Luekhamhan	
DATE: 08-24-2010	
APPROVED: T. Nguyen	
DATE: 08-24-2010	



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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:
ELECTROMECHANICAL SWITCHES

PART NO.
K2-7-LL

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:	SIZE:	REV:	DWG NO.
OD2L5	A	N/A	85041
DO NOT SCALE THE DRAWING			