

MECHANICAL

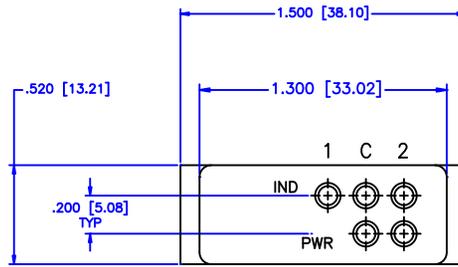
CONTACT: BREAK BEFORE MAKE
 ACTUATOR: FAILSAFE
 SWITCHING SPEED: 20 mSEC MAX

ELECTRICAL

ACTUATOR VOLTAGE: 28.0 Vdc
 ACTUATOR CURRENT: 0.075 A MAX @ 28.0 Vdc
 POWER HANDLING: 200W CW @ 1.0 GHz

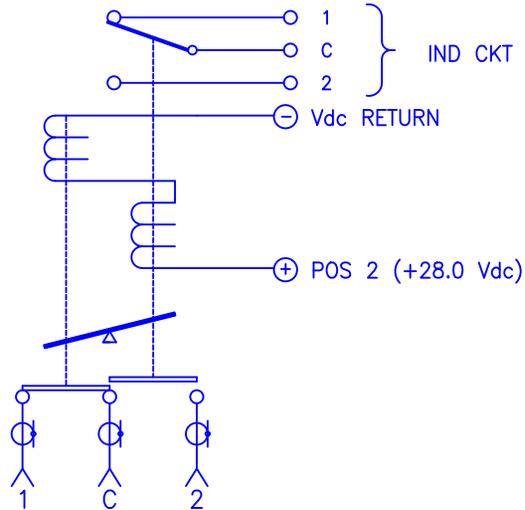
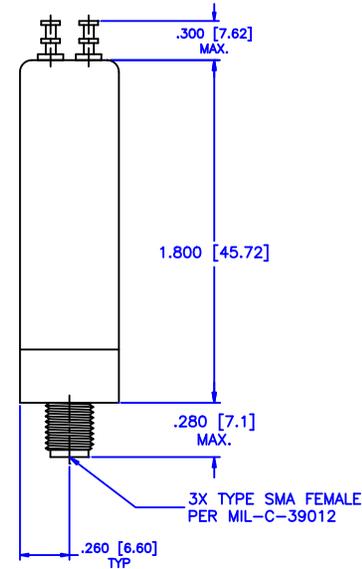
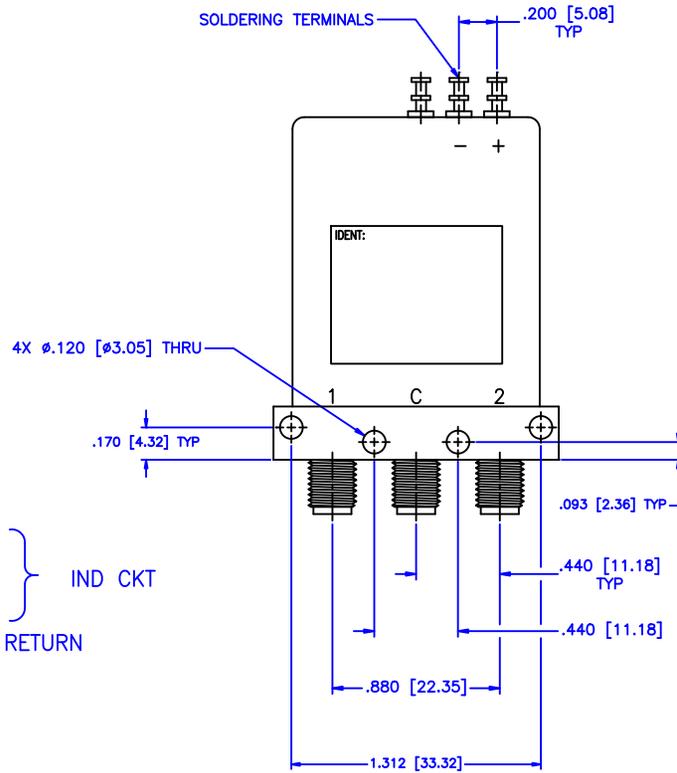
ENVIRONMENTAL

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



MATERIAL:	
DRAWN:	DATE:
Paiboon Luekhamhan	09-04-2006
APPROVED:	DATE:
T. Nguyen	09-04-2006

	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
	UNLESS OTHERWISE SPECIFIED: TOLERANCES IN (INCHES) OR [mm] (MILLIMETERS) FRACTIONS: ± 1/64 DECIMALS: ±.01 ±.005 ANGLE: ±1/2°		SHEET:
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)		DRAWING TITLE:	
THIRD ANGLE PROJECTION		ELECTROMECHANICAL SWITCHES	
PART NO.		K3-7-FI/28VDC	
CAGE CODE:	SIZE:	REV:	DWG NO.
OD2L5	A	N/A	83949
DO NOT SCALE THE DRAWING			