

MECHANICAL

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

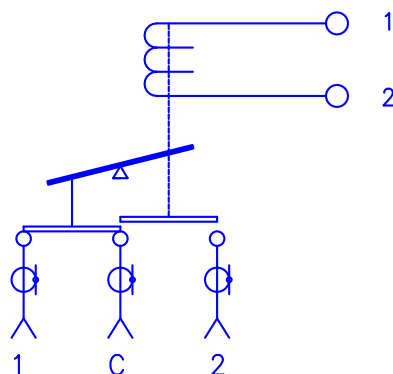
ELECTRICAL

ACTUATOR VOLTAGE: 24.0 Vdc
ACTUATOR CURRENT: 0.100 A MAX @ 24.0 Vdc
POWER HANDLING: 200W CW @ 1.0 GHz

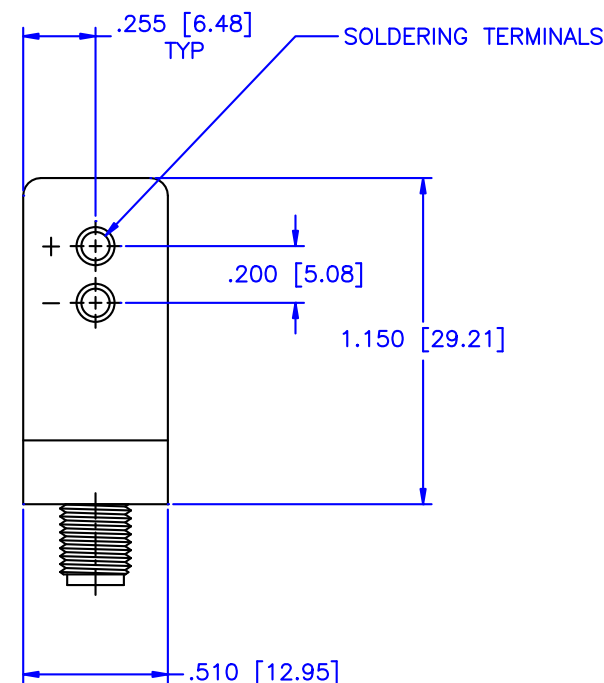
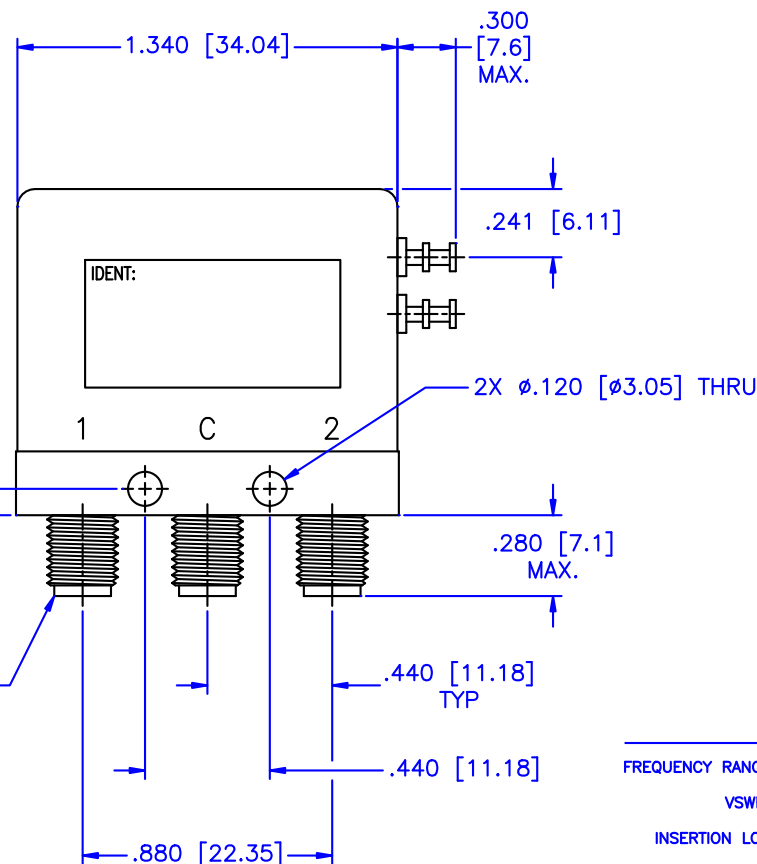
ENVIRONMENTAL

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

SCHEMATIC
SHOWN IN FAILSAFE POSITION



POWER INPUT



SPECIFICATION:

FREQUENCY RANGE (GHz):	DC-2	2-4	4-8	8-12.4	12-18
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:		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
UNLESS OTHERWISE SPECIFIED: TOLERANCES IN (INCHES) OR [mm] (MILLIMETERS) FRACTIONS: ± 1/64 DECIMALS: ±.01 ±.005 ANGLE: ±1/2°		DRAWING TITLE: ELECTROMECHANICAL SWITCHES		SHEET: N/A
DRAWN: Paiboon Luekhamhan DATE: 08-05-2010		PART NO.: K1-7-F/24		
APPROVED: T. Nguyen DATE: 08-05-2010		CAGE CODE: OD2L5	SIZE: N/A REV: N/A DO NOT SCALE THE DRAWING	DWG NO.: 85032