

**MECHANICAL**

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

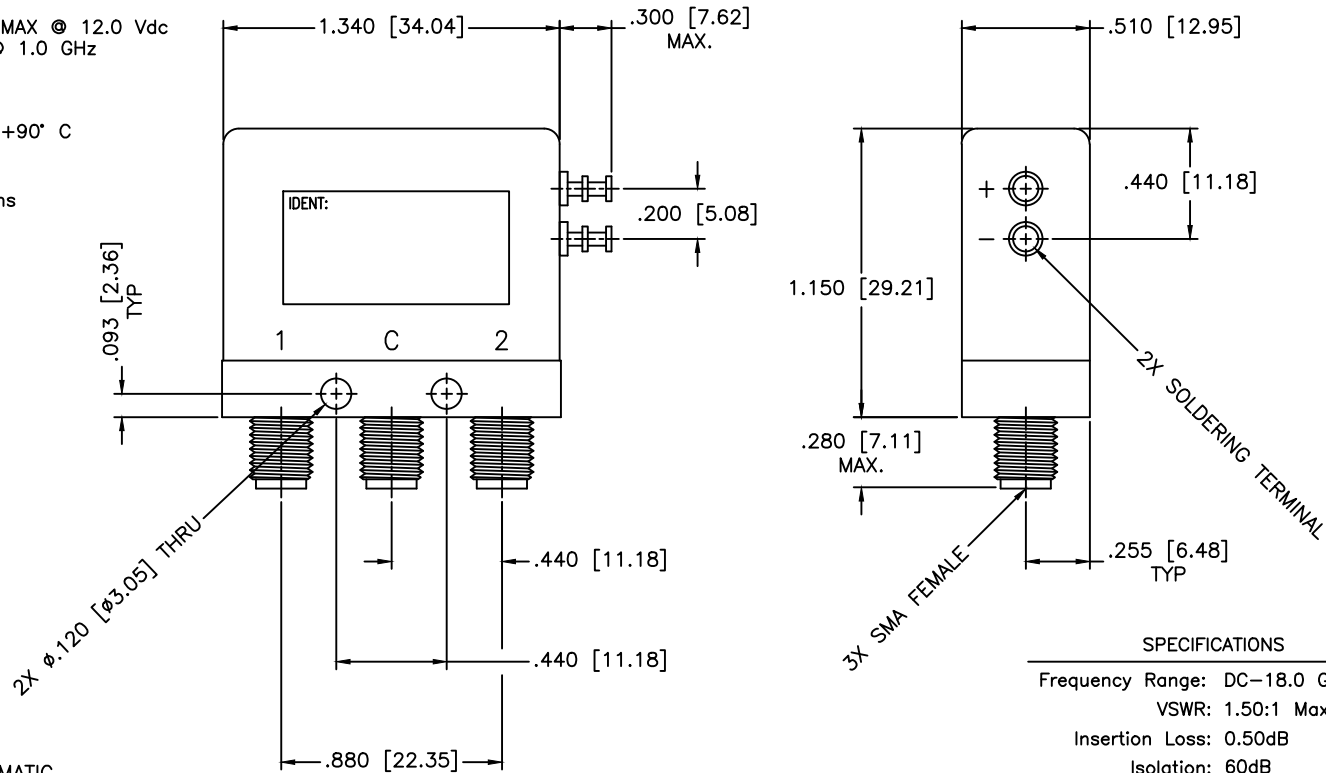
**ELECTRICAL**

ACTUATOR VOLTAGE: 12.0 Vdc  
 ACTUATOR CURRENT: 0.100 A MAX @ 12.0 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

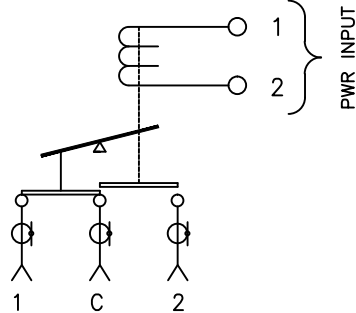
REVISIONS				
ZONE	REV	DESCRIPTION	Date	APPROVED



**SPECIFICATIONS**  
 Frequency Range: DC-18.0 GHz  
 VSWR: 1.50:1 Max.  
 Insertion Loss: 0.50dB  
 Isolation: 60dB  
 Impedance: 50 Ohms

**SCHEMATIC**

SHOWN IN FAILSAFE POSITION



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
DRAWN: Paiboon Luekhamhan		DATE: 06-21-2006	DRAWING TITLE: ELECTROMECHANICAL SWITCHES	
APPROVED: T. Nguyen		DATE: 06-21-2006	PART NO. K1-7-F/12	
CAGE CODE: OD2L5		SIZE: N/A	REV: N/A	DWG. NO. 82571
UNLESS OTHERWISE SPECIFIED: TOLERANCES IN (INCHES) OR [mm] (MILLIMETERS) FRACTIONS: ± 1/64 DECIMALS: ±.01 ±.005 ANGLE: ±1/2°		FREQUENTLY USED: 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		
		DO NOT SCALE THE DRAWING		