

**MECHANICAL**

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

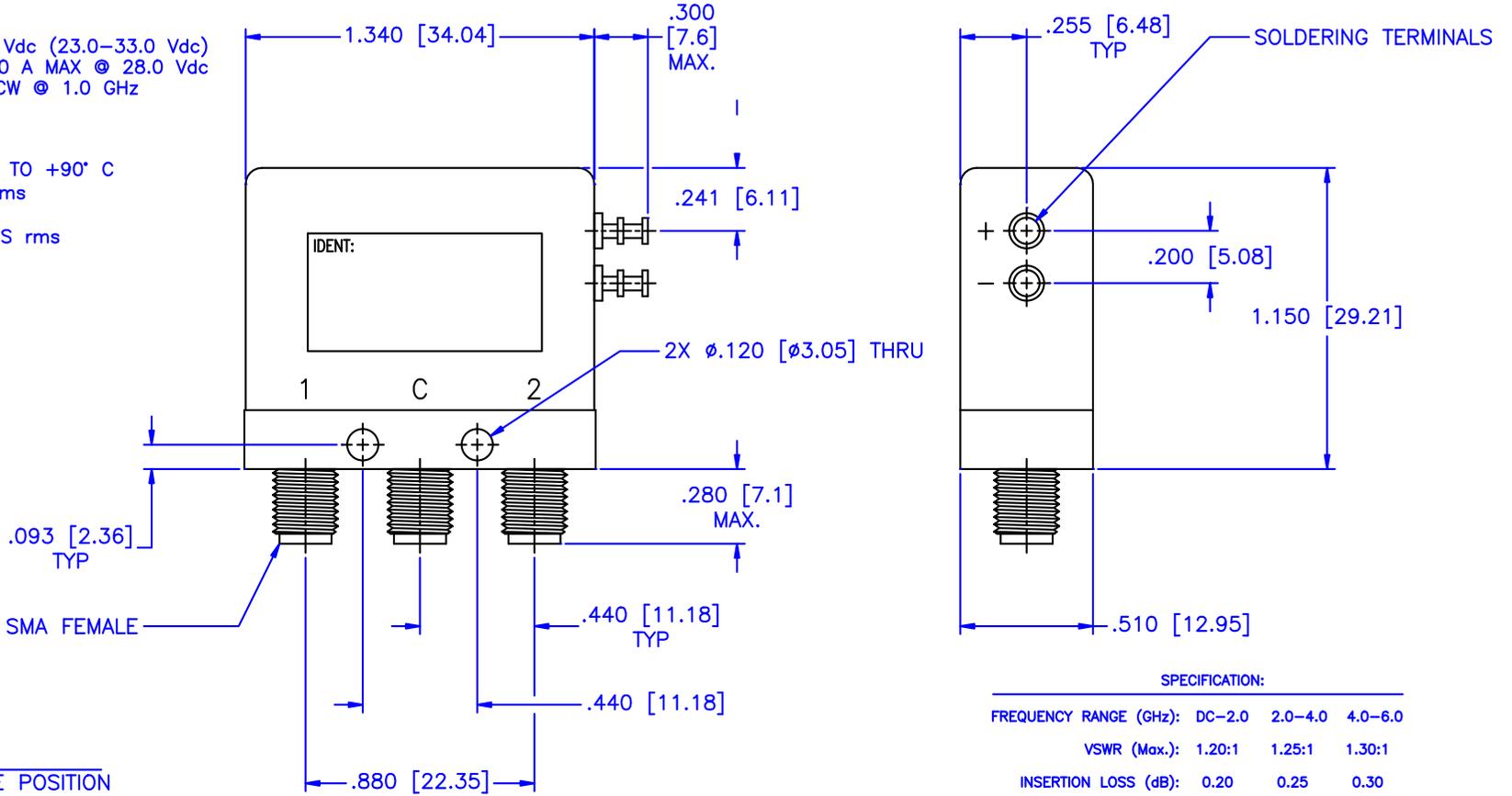
**ELECTRICAL**

ACTUATOR VOLTAGE: 28.0 Vdc (23.0–33.0 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

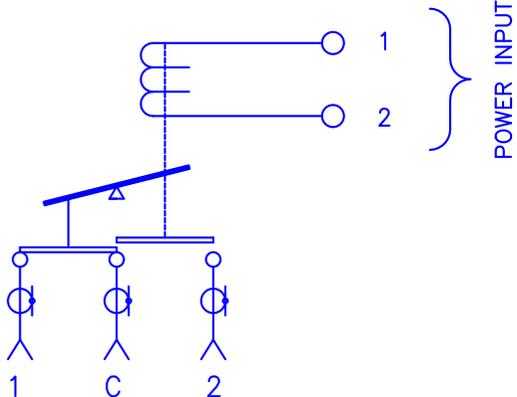
REVISIONS				
ZONE	REV	DESCRIPTION	Date	APPROVED



**SPECIFICATION:**

FREQUENCY RANGE (GHz):	DC-2.0	2.0-4.0	4.0-6.0
VSWR (Max.):	1.20:1	1.25:1	1.30:1
INSERTION LOSS (dB):	0.20	0.25	0.30
ISOLATION (dB):	90	80	80
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
DRAWING TITLE:		ELECTROMECHANICAL SWITCHES		
DRAWN:		PART NO. K1-4-F		
DATE:		CAGE CODE: OD2L5		
APPROVED:		SIZE: A	REV: N/A	DWG NO. 82164
DATE:		DO NOT SCALE THE DRAWING		

UNLESS OTHERWISE SPECIFIED:  
 TOLERANCES  
 IN (INCHES) OR [mm] (MILLIMETERS)  
 FRACTIONS: ± 1/64  
 DECIMALS: ±.01 ±.005  
 ANGLE: ±1/2°

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)

THIRD ANGLE PROJECTION