

**MECHANICAL**

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

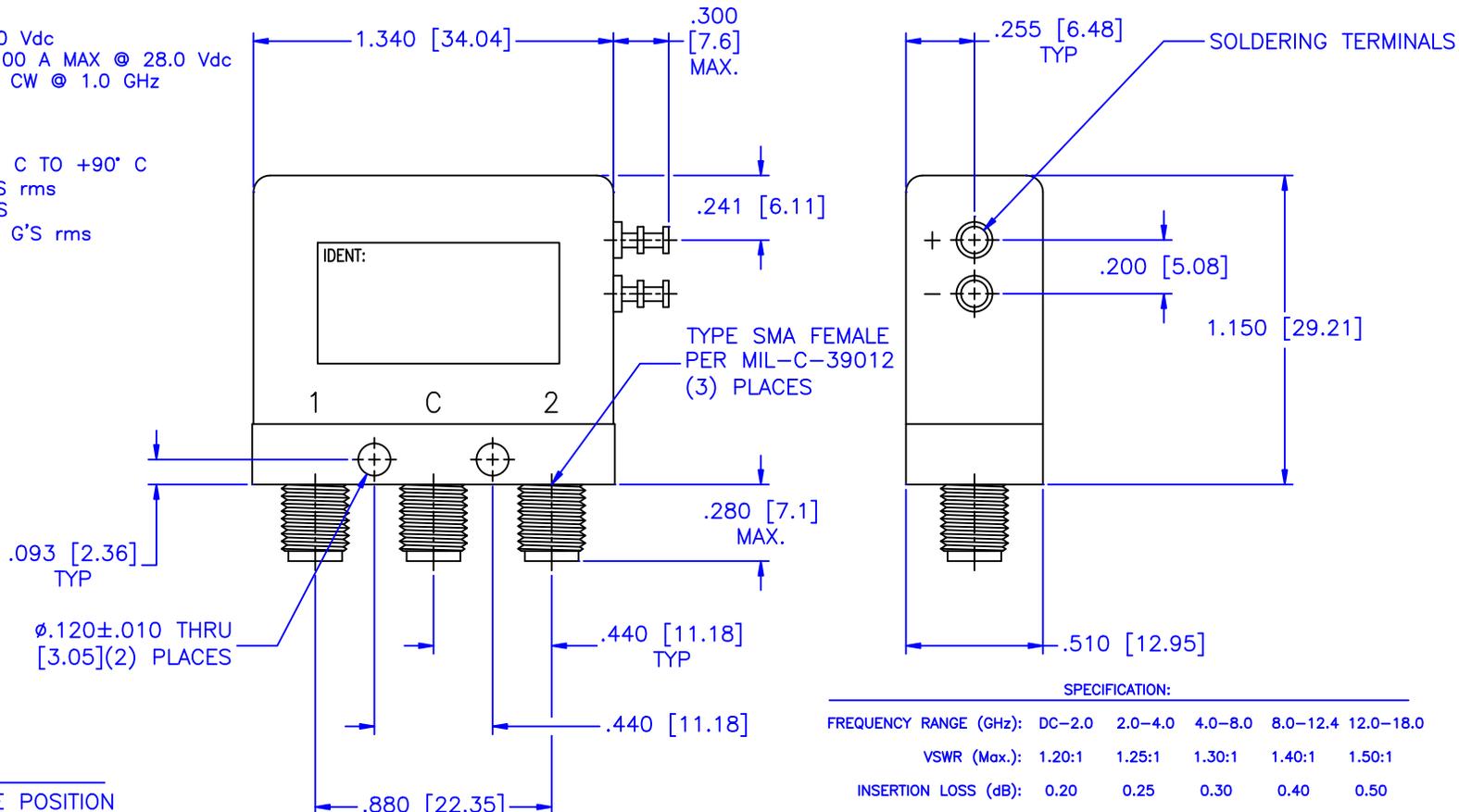
**ELECTRICAL**

ACTUATOR VOLTAGE: 15.0 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



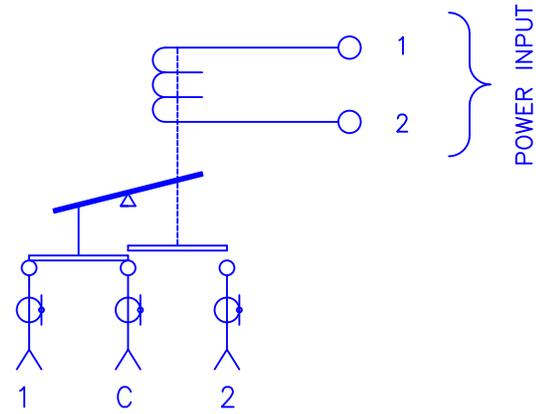
**SPECIFICATION:**

FREQUENCY RANGE (GHz):	DC-2.0	2.0-4.0	4.0-8.0	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: 50 OHMS

**SCHMATIC**

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/15VDC	
CAGE CODE: OD2L5		SIZE: N/A	REV: N/A	DWG NO. 83997
DO NOT SCALE THE DRAWING				

**MCLI**

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  
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