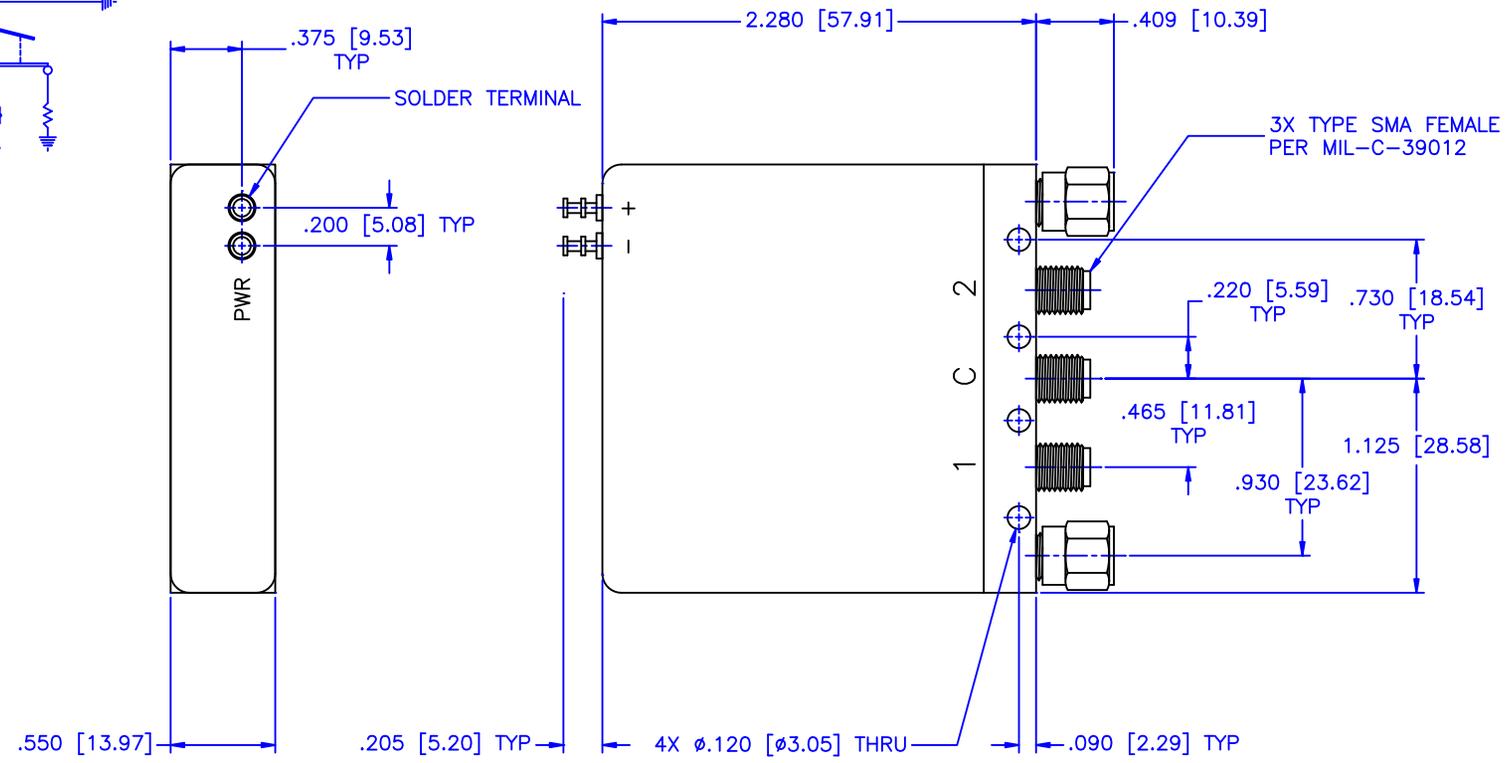
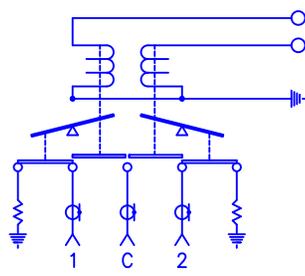


REVISIONS					
ZONE	REV	DESCRIPTION	Date	APPROVED	



**SPECIFICATION:**

FREQUENCY RANGE (GHz):	DC-2.0	2.0-4.0	4.0-8.0	8.0-12.4	12.4-18.0	12.4-18.0
VSWR (Max.):	1.20:1	1.25:1	1.30:1	1.40:1	1.50:1	1.60:1
INSERTION LOSS (dB):	0.20	0.25	0.30	0.40	0.50	0.70
ISOLATION (dB):	90	80	80	70	60	50

**MECHANICAL**

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

**ELECTRICAL**

ACTUATOR VOLTAGE: 24.0±3.0 Vdc  
 ACTUATOR CURRENT: 0.110 A MAX @ 24.0 Vdc  
 POWER HANDLING: 200W CW @ 1.0 GHz  
 IMPEDANCE: 50 Ohms

**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

MATERIAL:		<b>MCLI</b> MICROWAVE COMMUNICATIONS LABORATORIES INC. 7255 30TH AVE. N. SAINT PETERSBURG, FL 33710 TEL: (727) 344-6254 FAX: (727) 381-6116 <a href="http://WWW.MCLI.COM">http://WWW.MCLI.COM</a>	SCALE:	N/A		
			SHEET:	N/A		
DRAWING TITLE:		ELECTROMECHANICAL SWITCHES				
PART NO.:		K45-8-F/24				
DRAWN:	DATE:	<small>UNLESS OTHERWISE SPECIFIED:          TOLERANCES          IN (INCHES) OR [mm] (MILLIMETERS)          FRACTIONS: ± 1/64          DECIMALS: ±.01 ±.005          ANGLE: ±1/2°</small>	CAGE CODE:	SIZE:	REV:	DWG NO.:
APPROVED:	DATE:		OD2L5	A	N/A	84179
DRAWN: Paiboon Luekhamhan DATE: 02-23-2009 APPROVED: T. Nguyen DATE: 02-23-2009		<small>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)</small> 	DO NOT SCALE THE DRAWING			