



REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED

**SPECIFICATIONS**

FREQUENCY RANGE: DC-18.0 GHz  
 VSWR: 1.50:1 MAX.  
 INSERTION LOSS: 0.50dB MAX.  
 ISOLATION: 60dB MIN.

**MECHANICAL**

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

**ELECTRICAL**

ACTUATOR VOLTAGE: 28.0 Vdc (22.0-32.0 Vdc)  
 ACTUATOR CURRENT: 600mA MAX @ 28.0 Vdc  
 POWER HANDLING: 200W CW @ 1.0GHz  
 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:			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: ± 0.01 ± 0.005 ANGLE: ± 1/2°			DRAWING TITLE: <b>ELECTROMECHANICAL SWITCHES</b>		SHEET: N/A
DRAWN: Paiboon Luekhamhan		DATE: 01-13-2012		PART NO.: E3-7-LIL	
APPROVED: T. Nguyen		DATE: 01-13-2012		CAGE CODE: OD2L5	SIZE: N/A
THIRD ANGLE PROJECTION		REV: N/A		DWG NO.: 85973	
DO NOT SCALE THE DRAWING					