

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED

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

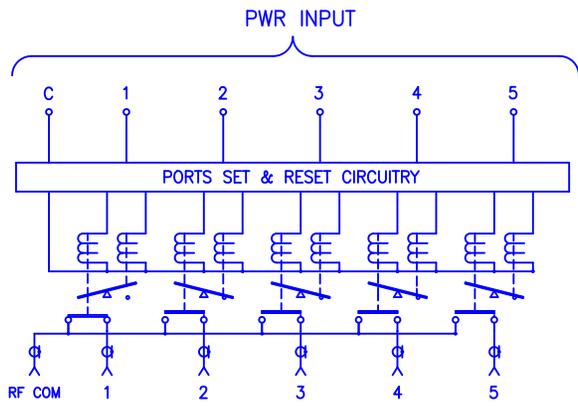
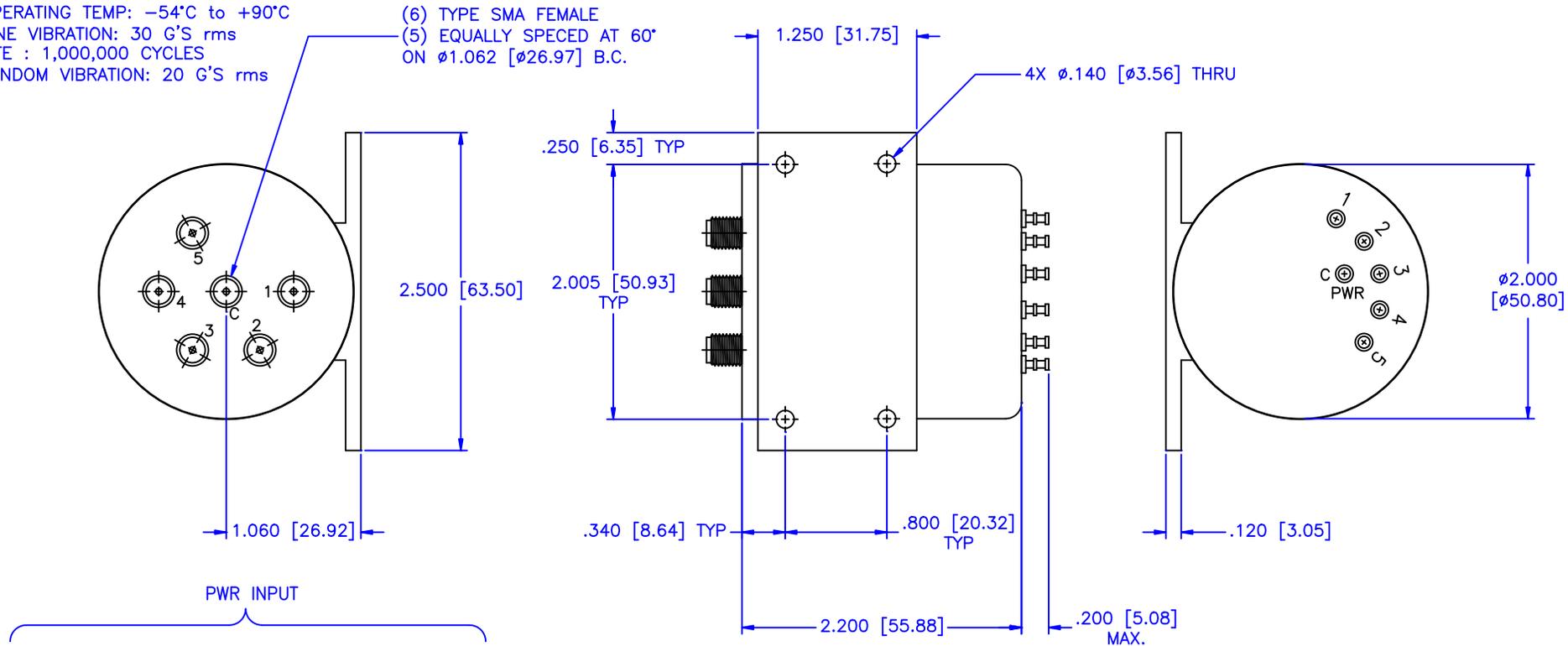
ELECTRICAL  
 ACTUATOR VOLTAGE: 28.0 Vdc (22.0–32.0 Vdc)  
 ACTUATOR CURRENT: 0.500 A MAX @ 28.0 Vdc  
 POWER HANDLING: 200 WCW @ 1.0 GHz  
 IMPEDANCE: 50 OHMS

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

SPECIFICATION:

FREQUENCY RANGE (GHz):	DC-2.0	2.0-4.0	4.0-8.0	8.0-12.4	12.4-18.0
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

(6) TYPE SMA FEMALE  
 (5) EQUALLY SPECED AT 60°  
 ON  $\phi 1.062$  [ $\phi 26.97$ ] B.C.



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: $\pm 1/64$ DECIMALS: $\pm .01 \pm .005$ ANGLE: $\pm 1/2^\circ$			DRAWING TITLE: <b>ELECTROMECHANICAL SWITCHES</b>		SHEET: N/A
DRAWN: Paiboon Luekhamhan		DATE: 02-24-2009		PART NO. E5-7-L/28P	
APPROVED: T. Nguyen		DATE: 02-24-2009		CAGE CODE: OD2L5	
THIRD ANGLE PROJECTION				SIZE: N/A REV: N/A DWG NO. 84193 DO NOT SCALE THE DRAWING	