

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: 0.600 A MAX @ 28.0 Vdc  
POWER HANDLING: 200 WCW @ 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

#### SPECIFICATION:

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

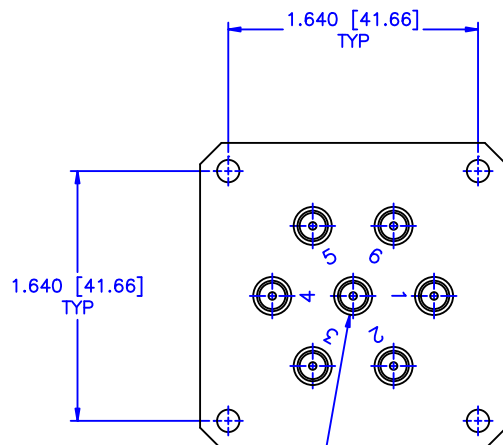
VSWR (Max.): 1.20:1 1.25:1 1.30:1 1.40:1 1.50:1

INSERTION LOSS (dB): 0.20 0.25 0.30 0.40 0.50

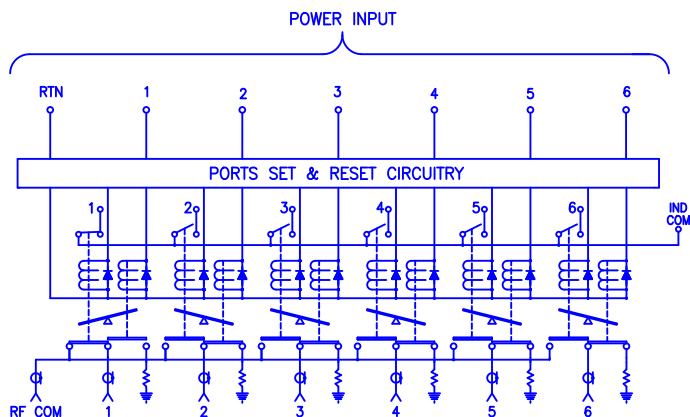
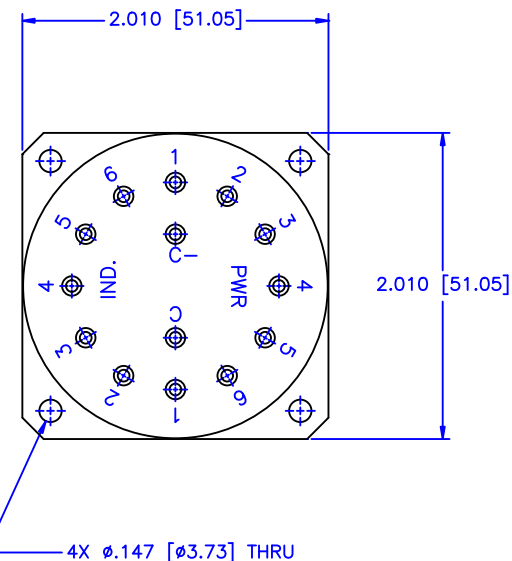
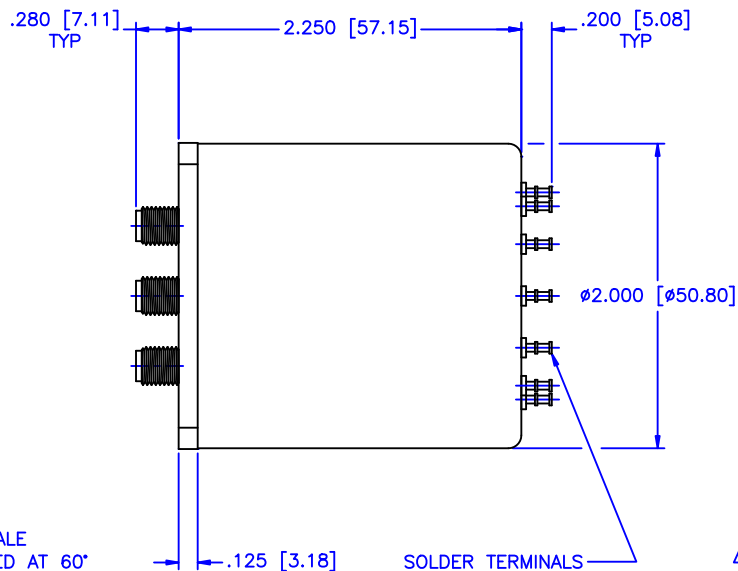
ISOLATION (dB): 90 80 80 70 60

IMPEDANCE: 50 OHMS

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED



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



MATERIAL:		<b>MCLI</b> 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: 04-05-2001		DRAWING TITLE: ELECTROMECHANICAL SWITCHES	
				PART NO. V6-7-LIS	
APPROVED: T. Nguyen		DATE: 04-05-2001		CAGE CODE: OD2L5	
				SIZE: N/A REV: N/A DWG NO. 81712	
				DO NOT SCALE THE DRAWING	

UNLESS OTHERWISE SPECIFIED:  
TOLERANCES  
IN (INCHES) OR (mm) (MILLIMETERS)  
FRACTIONS:  $\pm 1/64$   
DECIMALS:  $\pm .01 \pm .005$   
ANGLE:  $\pm 1/2^\circ$

THIRD ANGLE PROJECTION