

**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: 100 mA MAX @ 28.0 Vdc  
 POWER HANDLING: 350W CW @ 1.0GHz

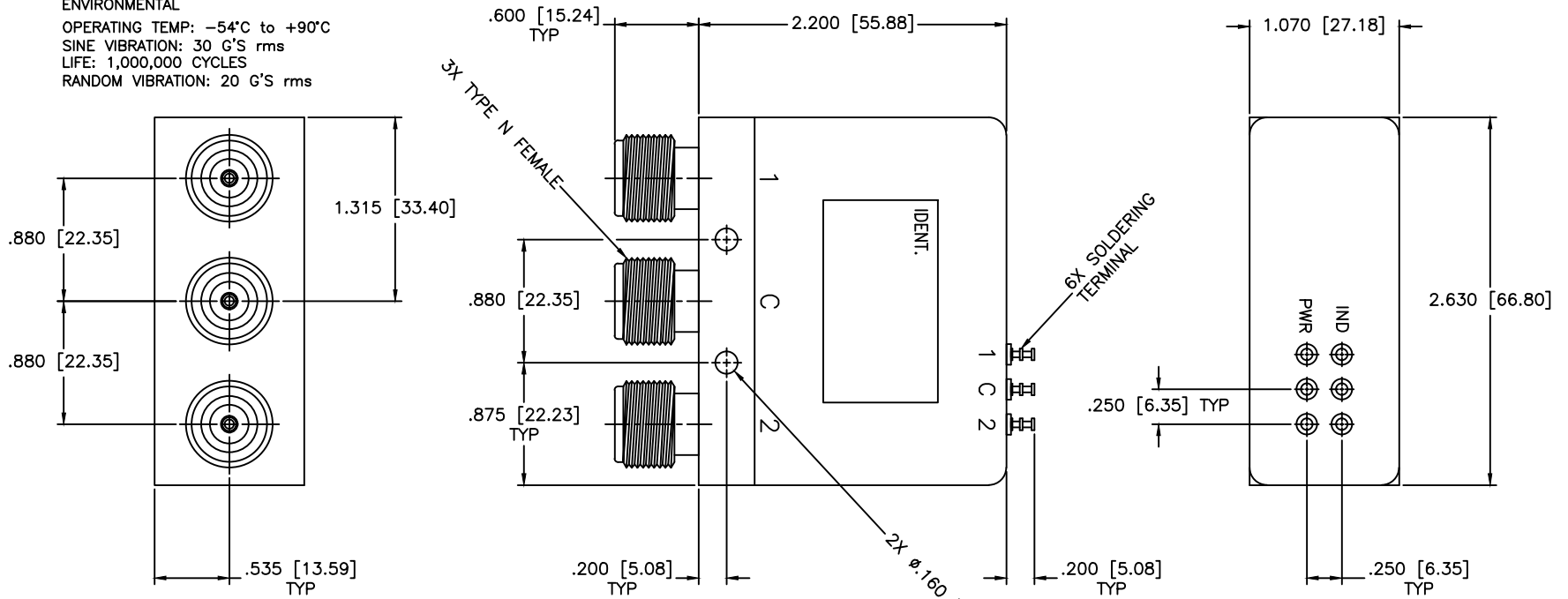
**ENVIRONMENTAL**

OPERATING TEMP: -54°C to +90°C  
 SINE VIBRATION: 30 G'S rms  
 LIFE: 1,000,000 CYCLES  
 RANDOM VIBRATION: 20 G'S rms

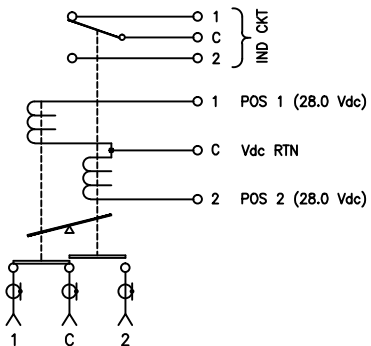
**SPECIFICATIONS**

Frequency Range: DC-1.0 GHz  
 VSWR: 1.20:1 Max.  
 Insertion Loss: 0.20dB Max.  
 Isolation: 80dB Min.  
 Impedance: 50 Ohms

REVISIONS				
ZONE	REV	DESCRIPTION	Date	APPROVED



**SCHEMATIC**  
 LATCHING, INDICATOR



MATERIAL:	
DRAWN:	DATE:
Paiboon Luekhamhan	04-03-2001
APPROVED:	DATE:
T. Nguyen	04-03-2001



MICROWAVE COMMUNICATIONS LABORATORIES INC.  
 7255 30TH AVE. N. SAINT PETERSBURG, FL 33710  
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SCALE:	N/A
SHEET:	N/A

UNLESS OTHERWISE SPECIFIED:  
 TOLERANCES  
 IN (INCHES) OR [mm] (MILLIMETERS)  
 FRACTIONS: ± 1/64  
 DECIMALS: ± .02 ± .008  
 ANGLE: ± 1/2°

DRAWING TITLE:  
**ELECTROMECHANICAL SWITCHES**

PART NO.  
**K5-1-L1**

THIRD ANGLE PROJECTION

CAGE CODE:	SIZE:	REV:	DWG NO.
OD2L5	N/A	N/A	81673
DO NOT SCALE THE DRAWING			