

MECHANICAL

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

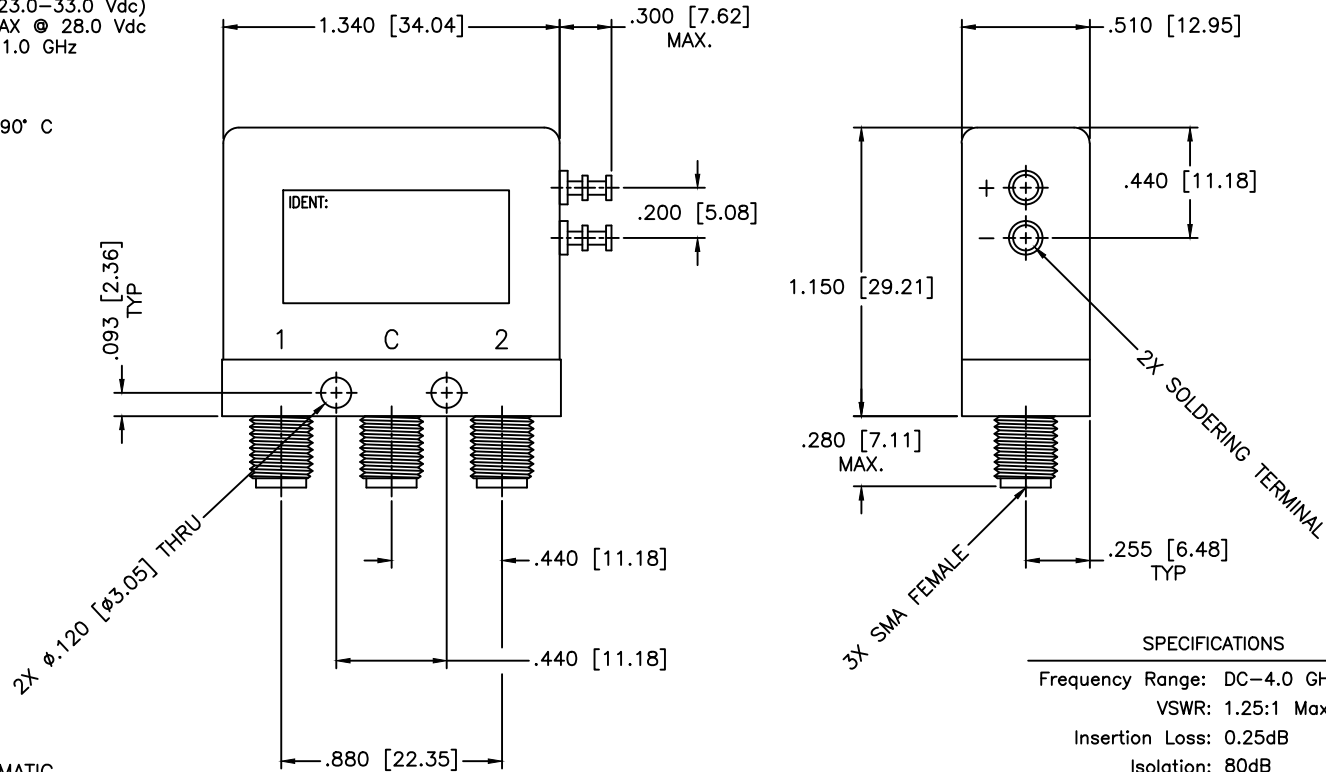
ELECTRICAL

ACTUATOR VOLTAGE: 28.0 Vdc (23.0-33.0 Vdc)
 ACTUATOR CURRENT: 0.100 A MAX @ 28.0 Vdc
 POWER HANDLING: 200W CW @ 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

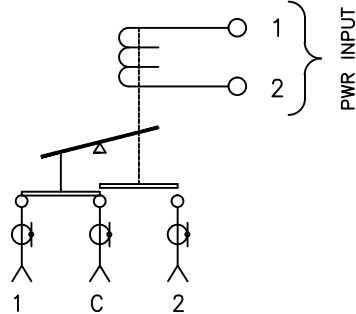
REVISIONS				
ZONE	REV	DESCRIPTION	Date	APPROVED



SPECIFICATIONS
 Frequency Range: DC-4.0 GHz
 VSWR: 1.25:1 Max.
 Insertion Loss: 0.25dB
 Isolation: 80dB
 Impedance: 50 Ohms

SCHEMATIC

SHOWN IN FAILSAFE POSITION



MATERIAL:	
DRAWN:	DATE:
Paiboon Luexhamhan	04-02-2001
APPROVED:	DATE:
T. Nguyen	04-02-2001

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
UNLESS OTHERWISE SPECIFIED: TOLERANCES IN (INCHES) OR [mm] (MILLIMETERS) FRACTIONS: ± 1/64 DECIMALS: ±.01 ±.005 ANGLE: ±1/2°	DRAWING TITLE:	
FREQUENTLY USED: THE INFORMATION IN THIS DRAWING IS PROPRIETARY AND SHALL NOT BE USED OR DISCLOSED WITHOUT WRITTEN PERMISSION FROM MICROWAVE COMMUNICATIONS LABORATORIES INC. (MCLI)	ELECTROMECHANICAL SWITCHES	
THIRD ANGLE PROJECTION	PART NO.:	
	K1-3-F	
CAGE CODE:	SIZE:	REV:
OD2L5	N/A	N/A
	DWG. NO.:	
	82163	
DO NOT SCALE THE DRAWING		