REVISIONS				
ZONE	REV	DESCRIPTION	Date	APPROVED

SPECIFICATIONS

FREQUENCY RANGE: DC–1.0 GHz
VSWR: 1.20:1 Max.
INSERTION LOSS: 0.20dB Max.
ISOLATION: 90dB Min.
IMPEDANCE: 50 Ohms

MECHANICAL

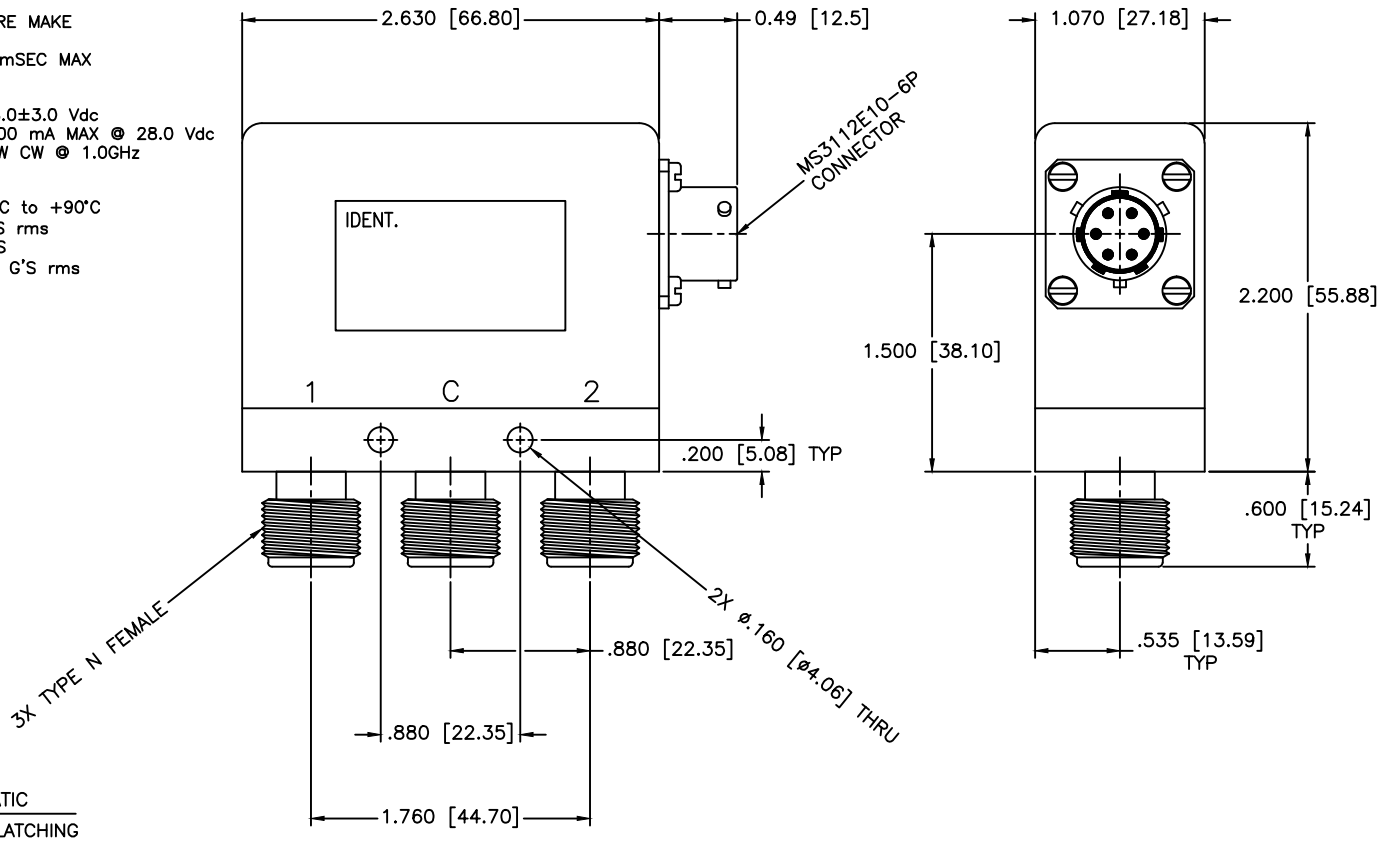
CONTACT: BREAK BEFORE MAKE
ACTUATOR: LATCHING
SWITCHING SPEED: 20 mSEC MAX

ELECTRICAL

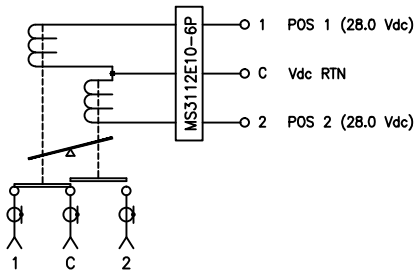
ACTUATOR VOLTAGE: 28.0±3.0 Vdc
ACTUATOR CURRENT: 100 mA MAX @ 28.0 Vdc
POWER HANDLING: 350W CW @ 1.0GHz

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



SCHEMATIC
SHOWN IN LATCHING



MATERIAL:

MCLI
MICROWAVE COMMUNICATIONS LABORATORIES INC.
7255 30TH AVE. N. SAINT PETERSBURG, FL 33710
TEL: (727) 344–6254 FAX: (727) 381–6116
hhtp://WWW.MCLI.COM

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–LC

DRAWN: Paiboon Luekhamhan — DATE: 04–06–2001

APPROVED: T. Nguyen — DATE: 04–06–2001

PROPRIETARY NOTICE:
THE INFORMATION IN THIS DRAWING IS PROPRIETARY AND SHALL NOT BE USED OR DISCLOSED WITHOUT WRITTEN PERMISSION FROM MICROWAVE COMMUNICATIONS LABORATORIES INC. (MCLI)

THIRD ANGLE PROJECTION

CAGE CODE: 0D2L5
SIZE: N/A
REV: N/A
DO NOT SCALE THE DRAWING
DWG NO. 81734