

SPECIFICATIONS

FREQUENCY RANGE: DC-4.0 GHz
 VSWR: 1.30:1 MAX.
 INSERTION LOSS: 0.30dB MAX.
 ISOLATION: 70dB MIN.
 IMPEDANCE: 50 OHMS

MECHANICAL

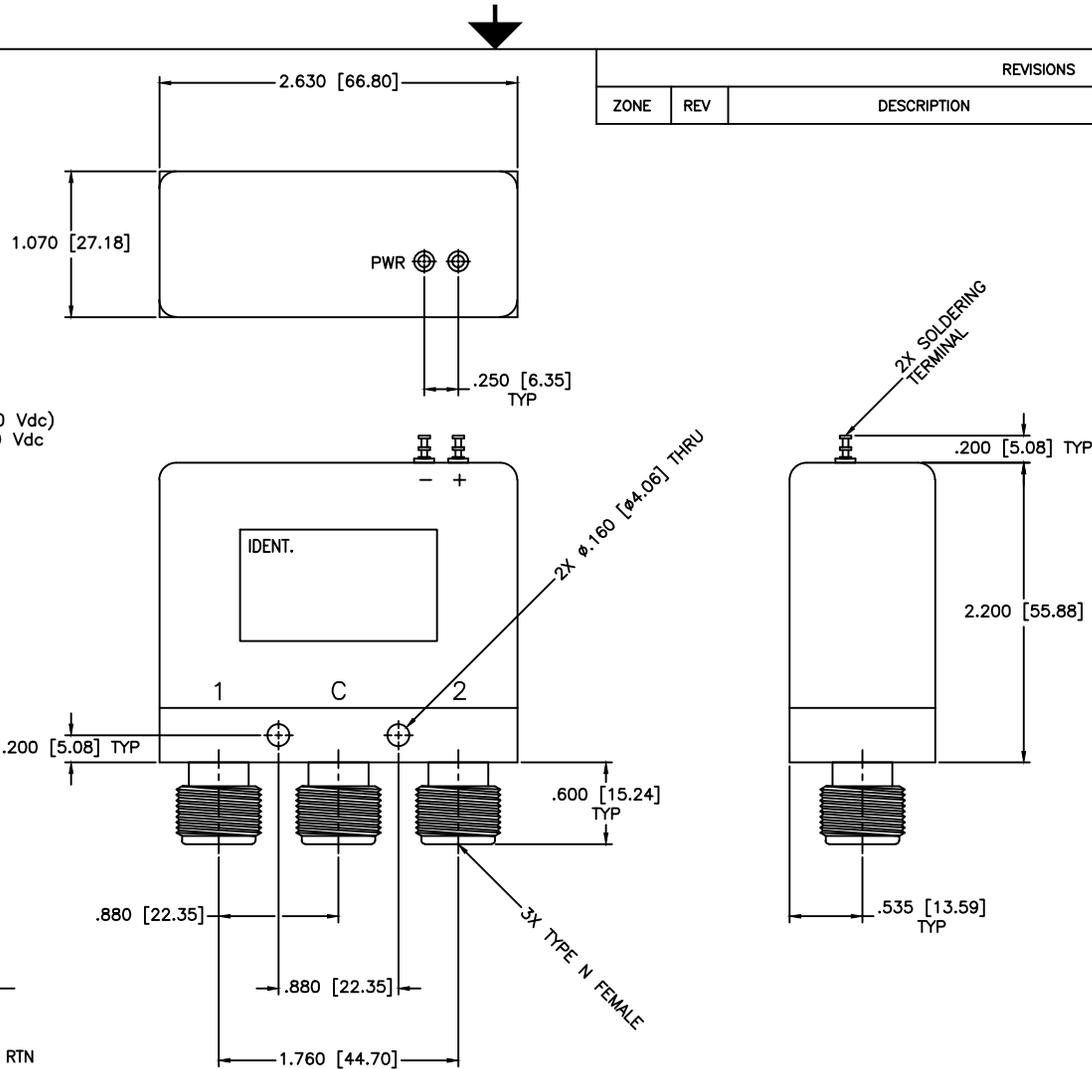
CONTACT: BREAK BEFORE MAKE
 ACTUATOR: FAILSAFE
 SWITCHING SPEED: 20 mSEC MAX

ELECTRICAL

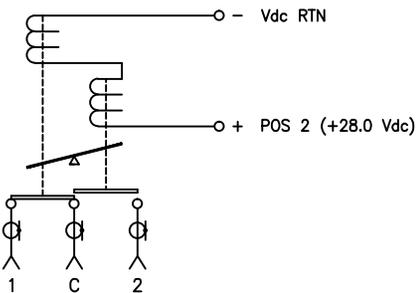
ACTUATOR VOLTAGE: 28.0 Vdc (22.0-32.0 Vdc)
 ACTUATOR CURRENT: 100mA MAX @ 28.0 Vdc
 POWER HANDLING: 350W CW @ 1.0GHz

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 FAILSAFE



REVISIONS				
ZONE	REV	DESCRIPTION	Date	APPROVED

MATERIAL:	
DRAWN: Paiboon Luexhamhan	DATE: 07-02-2009
APPROVED: T. Nguyen	DATE: 07-02-2009



MICROWAVE COMMUNICATIONS LABORATORIES INC.
 7255 30TH AVE. N. SAINT PETERSBURG, FL 33710
 TEL: (727) 544-6254 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: ±.02 ±.008
 ANGLE: ±1/2°

DRAWING TITLE:
 ELECTROMECHANICAL SWITCHES

PART NO.
 K5-3-F

PROSECUTORY 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: OD2L5	SIZE: N/A	REV: N/A	DWG NO. 84552
DO NOT SCALE THE DRAWING			