

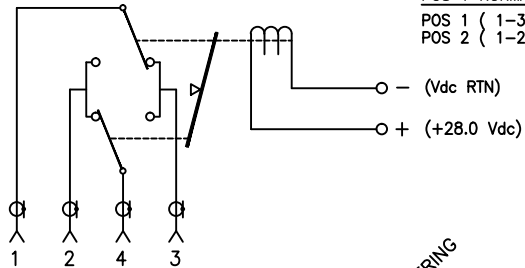
4

3

2

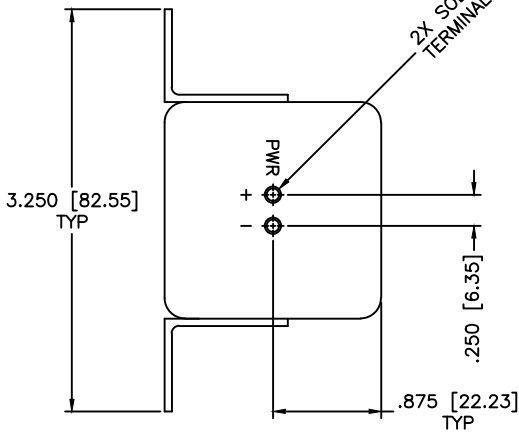
1

SCHEMATIC
SHOWN IN FAILSAFE

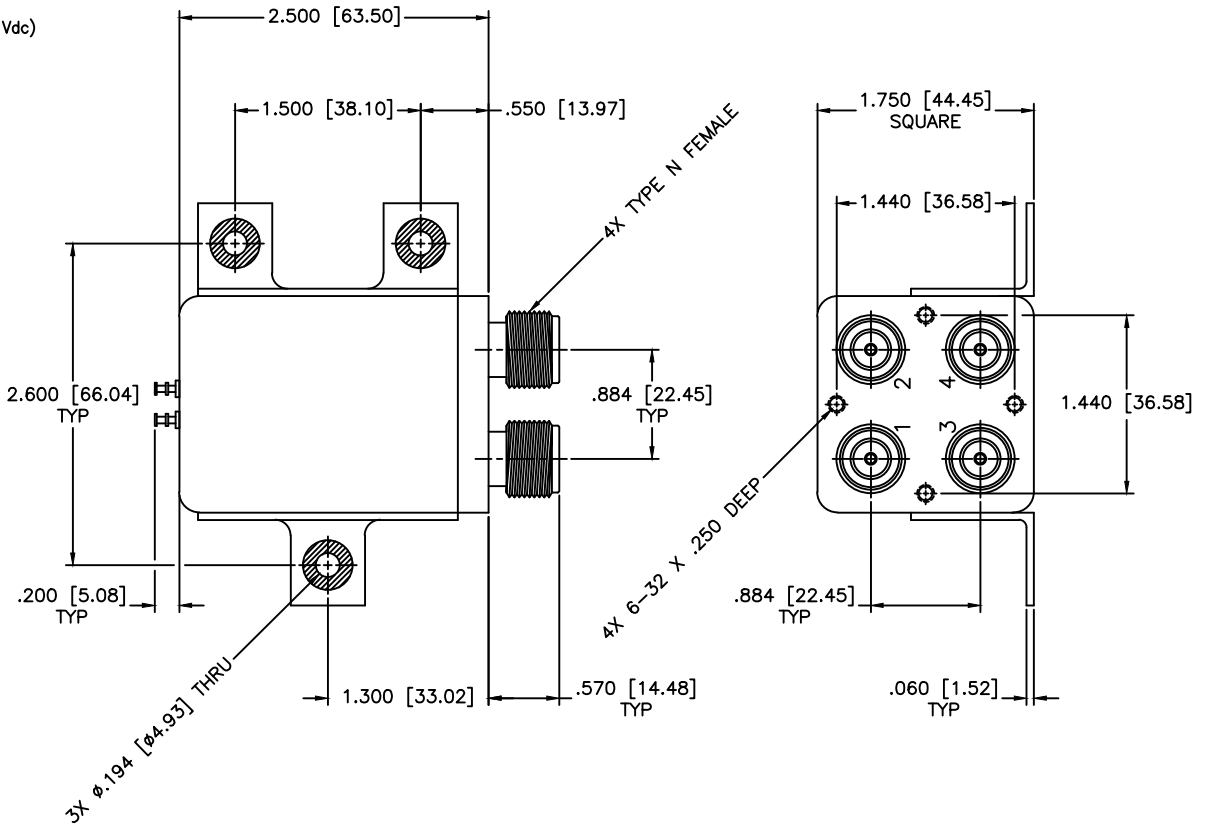


POS 1 NORMALLY CLOSED
 POS 1 { 1-3 & 2-4 }
 POS 2 { 1-2 & 3-4 }

- (Vdc RTN)
 + (+28.0 Vdc)



2X SOLDERING
 TERMINAL



SPECIFICATIONS

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

MECHANICAL

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

ELECTRICAL

ACTUATOR VOLTAGE: 28.0±3.0 Vdc
 ACTUATOR CURRENT: 200mA MAX @ 28.0 Vdc
 POWER HANDLING: 350W CW @ 1.0GHz
 IMPEDANCE: 50 Ohms

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

MATERIAL:		MCLI MICROWAVE COMMUNICATIONS LABORATORIES INC. 7225 30TH AVE. N., SAINT PETERSBURG, FL 33710 TEL: (727) 344-6254 FAX: (727) 381-8116 http://www.mcli.com		SCALE: N/A	
		UNLESS OTHERWISE SPECIFIED: TOLERANCES IN (INCHES) OR (mm) (MILLIMETERS) FRACTIONS: ± 1/64 DECIMALS: ±.02 ±.009 ANGLE: ±1/2		DRAWING TITLE: ELECTROMECHANICAL SWITCHES	
DRAWN: Paiboon Luengkhamhan	DATE: 04-05-2001	REFERENCE: SEE SPECIFICATIONS FOR THIS DRAWING IS PROPERTY OF MCLI AND IS NOT TO BE REPRODUCED OR FORN DISSEMINATED WITHOUT THE WRITTEN APPROVAL OF MCLI. THIS SCALE PRECEDES		PART NO.: C2-3-F	
APPROVED: T. Nguyen	DATE: 04-05-2001	CAGE CODE: OD2L5	SIZE: N/A	REV: N/A	DWG NO.: 81858
DO NOT SCALE THE DRAWING					

4

3

2

1