

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED

#### SPECIFICATIONS

FREQUENCY RANGE (GHz): DC-2 2-4 4-8 8-12.4 12.4-18

VSWR (Max.): 1.20:1 1.25:1 1.30:1 1.40:1 1.50:1

INSERTION LOSS (dB): 0.20 0.25 0.30 0.40 0.50

ISOLATION (dB): 90 80 80 70 60

#### MECHANICAL

CONTACT: BREAK BEFORE MAKE

ACTUATOR: FAILSAFE

SWITCHING SPEED: 20 mSEC MAX

#### ELECTRICAL

ACTUATOR VOLTAGE: 28.0 Vdc

ACTUATOR CURRENT: 0.100 A MAX @ 28.0 Vdc

POWER HANDLING: 200W CW @ 1.0 GHz

IMPEDANCE: 50 Ohms

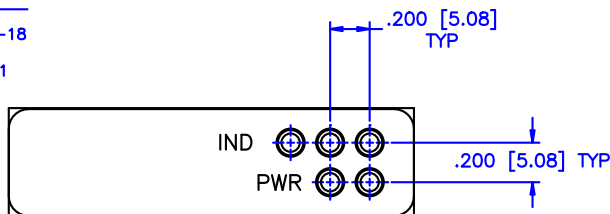
#### ENVIRONMENTAL

OPERATING TEMP: -54° C TO +90° C

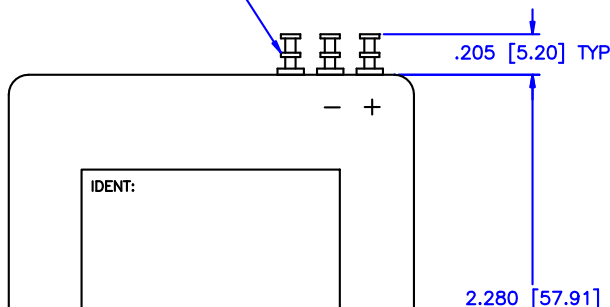
SINE VIBRATION: 30 G'S rms

LIFE: 1,000,000 CYCLES

RANDOM VIBRATION: 20 G'S rms



SOLDER TERMINALS



(4) Ø.120 [Ø3.05] THRU

.090 [2.29] TYP

(3) SMA FEMALE  
PER MIL-C-39012

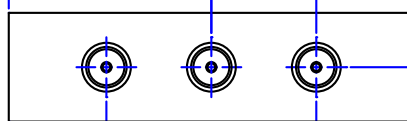
.510 [12.95]

.440 [11.18]

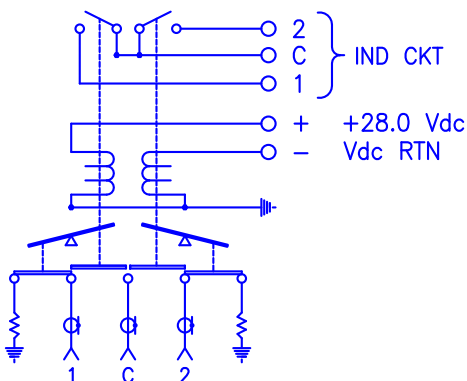
1.460 [37.08]

1.025 [26.04]

.531 [13.49]



2.050 [52.07]



MATERIAL:		<b>MCLI</b> 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
		UNLESS OTHERWISE SPECIFIED: TOLERANCES IN (INCHES) OR [mm] (MILLIMETERS) FRACTIONS: ± 1/64 DECIMALS: ±.01 ±.005 ANGLE: ±1/2°		SHEET: N/A
DRAWN: Paiboon Luekhamhan		DATE: 04-03-2001		DRAWING TITLE: ELECTROMECHANICAL SWITCHES
APPROVED: T. Nguyen		DATE: 04-03-2001		PART NO. K4-7-FI
		CAGE CODE: OD2L5	SIZE: A	REV: N/A
		DO NOT SCALE THE DRAWING		DWG NO. 82044