

REVISIONS			
ZONE	REV	DESCRIPTION	DATE
			APPROVED

SPECIFICATIONS

FREQUENCY RANGE (GHz): DC-2 2-4

VSWR (Max.): 1.20:1 1.25:1

INSERTION LOSS (dB): 0.20 0.25

ISOLATION (dB): 90 80

MECHANICAL

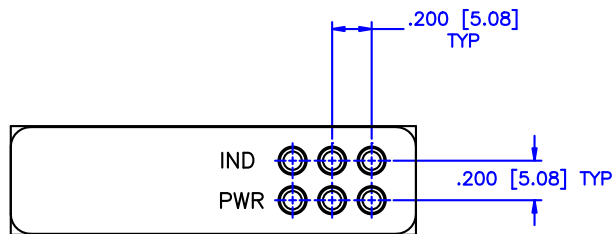
CONTACT: BREAK BEFORE MAKE
ACTUATOR: LATCHING
SWITCHING SPEED: 20 mSEC MAX

ELECTRICAL

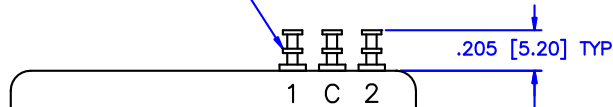
ACTUATOR VOLTAGE: 28.0±3.0 Vdc
ACTUATOR CURRENT: 0.100 A MAX @ 28.0 Vdc
POWER HANDLING: 200W CW @ 1.0 GHz
IMPEDANCE: 50 Ohms

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

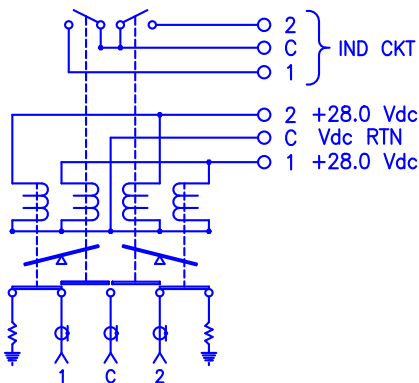
.510 [12.95]

1.460 [37.08]

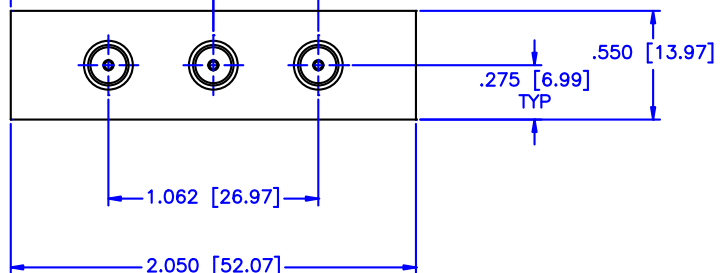
2.280 [57.91]

.285 [7.24] TYP

.440 [11.18]



1.025 [26.04] .531 [13.49]



MATERIAL:		MCLI 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°		DRAWING TITLE: ELECTROMECHANICAL SWITCHES		SHEET: N/A
DRAWN: Paiboon Luekhamhan DATE: 02-23-2009		PART NO. K4-3-LI CAGE CODE: OD2L5		
APPROVED: T. Nguyen DATE: 02-23-2009		SIZE: A REV: N/A DWG NO. 84181		
		DO NOT SCALE THE DRAWING		