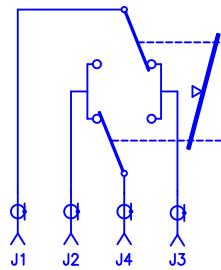


POS 1 : 1--3 & 2--4
POS 2 : 1--2 & 3--4

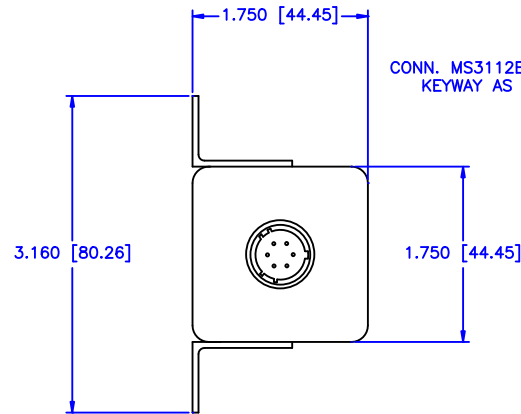
○ 2 POS 2 (+12.0 Vdc)
○ C Vdc RTN
○ 1 POS 1 (+12.0 Vdc)

○ 1 IND POS 1
○ C IND COM
○ 2 IND POS 2



SPECIFICATION:

Frequency Range: DC-12.4GHz
Insertion Loss Max: 0.30dB
Isolation: 70dB
VSWR: 1.30:1
Impedance: 50 Ohms



CONN. MS3112E10-6P
KEYWAY AS SHOWN

2.500 [63.50]
1.500 [38.10]
.550 [13.97]
.750 [19.05]

4X TYPE N FEMALE
PER MIL-C-39012

.433 [11.00] TYP
.884 [22.45] TYP

4X 6-32UNC-2B THD
.250 DEEP

.884 [22.45] TYP
.433 [11.00] TYP
.720 [18.29] TYP
.155 [3.94]
1.440 [36.58]
.720 [18.29] TYP
.155 [3.94]

3X .600 [15.24]
3X .194 [4.9] THRU

MECHANICAL

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

ELECTRICAL

ACTUATOR VOLTAGE: 12.0±3.0 Vdc
ACTUATOR CURRENT: 0.250 A MAX @ 12.0 Vdc
POWER HANDLING: 350W CW @ 1.0 GHz

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

*** Available with failsafe and momentary

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°		SHEET: N/A	
DRAWN: Paiboon Luekhamhan		DATE: 09-28-2007		DRAWING TITLE: ELECTROMECHANICAL SWITCHES	
APPROVED: T. Nguyen		DATE: 09-28-2007		PART NO. C2-6-LLIS/12	
		THIRD ANGLE PROJECTION		CAGE CODE: OD2L5	
				SIZE: C	
				REV: N/A	
				DWG NO. 82954	
				DO NOT SCALE THE DRAWING	