



REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED

SPECIFICATIONS

Frequency Range: 8-18 GHz
 Attenuation: 40dB
 Insertion Loss: 0.5 Max.
 VSWR: 1.50:1 Max.
 Power Handling: 7W Avg. 3kW Peak

ENVIRONMENTAL

Temperature Range: -55°C to +110°C
 Shock: 15 G's, 11mS, 1/2 sine
 Vibration: 3 G's overall
 Altitude: 40,000ft. Survival 25,000ft Operating

MATERIAL:	
DRAWN: Paiboon Luekhamhan	DATE: 11-18-2001
APPROVED: T. Nguyen	DATE: 11-18-2001

	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
DRAWING TITLE: CONTINUOUSLY VARIABLE ATTENUATOR WITH DIAL		PART NO.	
PROPRIETARY NOTICE: THE INFORMATION IN THIS DRAWING IS PROPRIETARY AND SHALL NOT BE USED OR DISCLOSED WITHOUT WRITTEN PERMISSION FROM MICROWAVE COMMUNICATIONS LABORATORIES INC. (MCLI)		CVA13-40/D	
CAGE CODE: OD2L5	SIZE: A	REV: N/A	DWG NO. 85440
DO NOT SCALE THE DRAWING			

.310 [7.87] TYP

2X SMA FEMALE

2X 4-40 X .190 DEEP

1.000 [25.40]

1.500 [38.10]

30 TURN COUNTING DIAL WITH SHAFT LOCK

Ø1.000 [Ø25.40]

.640 [16.26]

2.500 [63.50]

.920 [23.37]

2.340 [59.44] TYP

.080 [2.03] TYP

.080 [2.03] TYP

1.840 [46.74] TYP

2.000 [50.80]

4X 4-40 THRU

.750 [19.05] TYP