

Technical drawing of a 3/8-32 threaded hub with a slot and shaft lock. The drawing includes two views: a front view (left) and a side view (right).

Front View (Left):

- Overall width: 1.750 [44.45]
- Overall height: .840 [21.34] TYP
- Top flange width: 1.590 [40.39] TYP
- Top flange thickness: .080 [2.03] TYP
- Bottom flange thickness: .080 [2.03] TYP
- Bottom flange width: .420 [10.67] TYP
- Bottom flange height: 0.38 [9.65] TYP
- Bottom flange features: 4X 4-40 THRU, 2X SMA FEMALE
- Hub features: 3/8-32 THREADED HUB WITH SCREWDRIVER SLOT AND SHAFT LOCK
- Hub height: .650 [16.51] MAX.
- Hub width: .150 [3.81]

Side View (Right):

- Overall width: .500 [12.70]
- Overall height: 1.000 [25.40]
- Top flange width: .250 [6.35] TYP
- Top flange height: .840 [21.34] TYP
- Bottom flange height: .340 [8.64] TYP
- Hub features: 3/8-32 THREADED HUB WITH SCREWDRIVER SLOT AND SHAFT LOCK
- Hub height: .650 [16.51] MAX.
- Hub width: .150 [3.81]

Electrical

RF Power: 7W Average, 3kW Peak

RF Connectors: SMA, 2.92mm Standard, Type N Available.

Insertion Loss:
to 23 GHz: 0.65dB Max.

Mechanical

Standard, Turns Counting, Knob, Tape Drive, Motor

Body: Aluminum

Connectors: Stainless Steel

Finish: Corrosion Resistant 316SS Epoxy Coating, Grey

Weight: 2.0oz, 56gm (Standard Model Only)

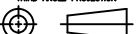
Environmental

Temp: -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:		 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: $\pm 1/64$ DECIMALS: $\pm 0.01 \pm 0.08$ ANGLE: $\pm 1/2^\circ$		DRAWING TITLE: CONTINUOUSLY VARIABLE ATTENUATOR	
DRAWN: Paiboon		DATE: 06-20-2025		PART NO.	
		PROPRIETARY NOTICE: THE INFORMATION IN THIS DRAWING IS PROPRIETARY AND SHALL NOT BE USED OR REPRODUCED WITHOUT WRITTEN PERMISSION FROM MICROWAVE COMMUNICATIONS LABORATORIES INC. (MCLI)		CA618-30/S	
APPROVED: T. Nguyen		DATE: 06-20-2025		CAGE CODE: OD2L5	
		THIRD ANGLE PROJECTION 		SIZE: A REV: A DO NOT SCALE THE DRAWING	
				DWG NO. 87348	