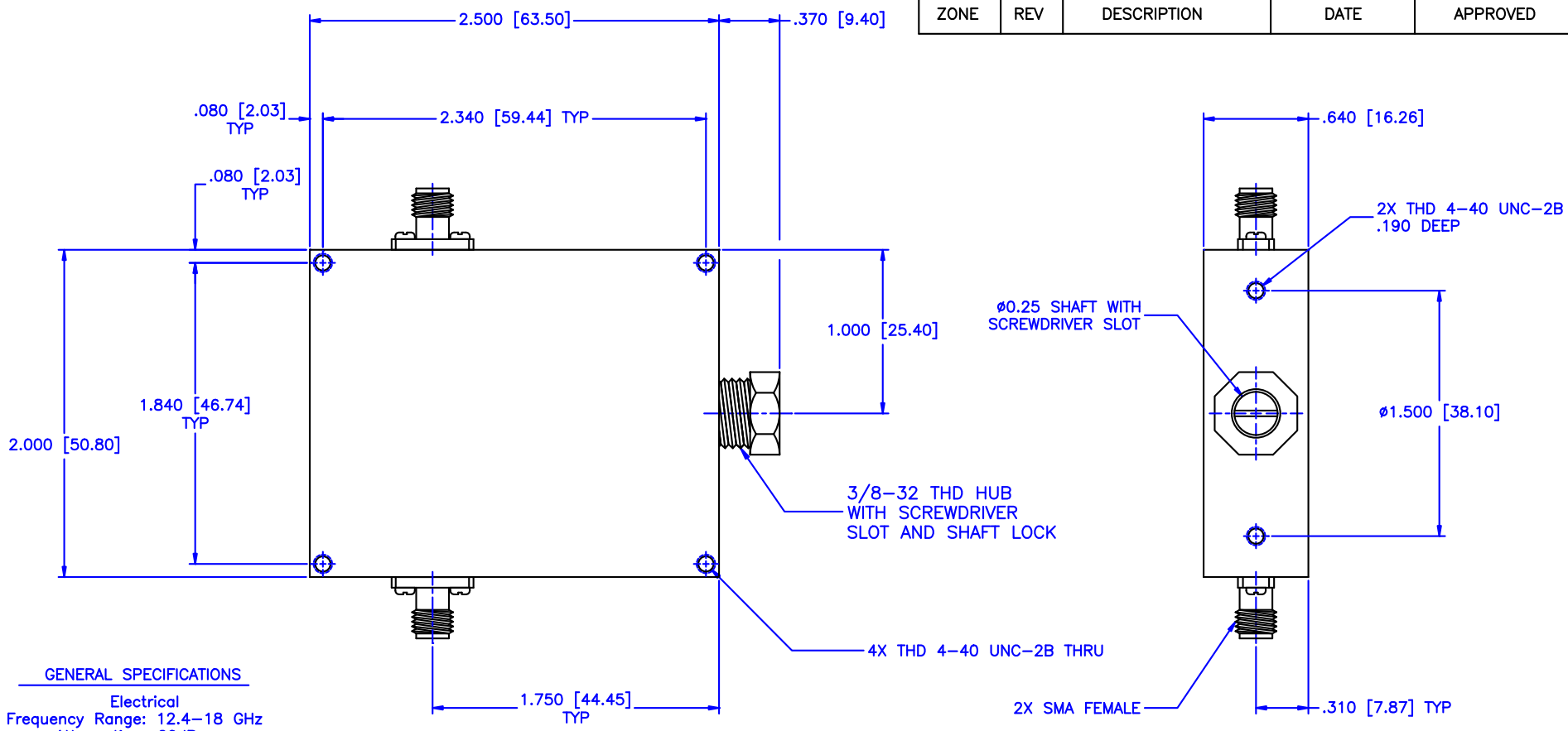
REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED



GENERAL SPECIFICATIONS

Electrical

Frequency Range: 12.4–18 GHz
Attenuation: 20dB
Flatness: ±1.0dB
VSWR: 1.50:1 Max.
Insertion Loss per Frequency Band
to 18 GHz: 0.5dB max.
to 26 GHz: 0.75dB max.
to 40 GHz: 1.50dB max.
RF Power: 7W average, 3kW peak

Mechanical

Body: Aluminum
Connectors: Stainless Steel
Finish: Unique corrosion resistant 316 stainless steel epoxy coating IAW MIL–F–14072
Weight: 5.2oz / 150gm

Environmental

Operating Temperature: –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:	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	SHEET: N/A
	UNLESS OTHERWISE SPECIFIED: TOLERANCES IN (INCHES) OR [mm] (MILLIMETERS) FRACTIONS: ± 1/64 DECIMALS: ±.01 ±.005 ANGLE: ±1/2°	DRAWING TITLE: CONTINUOUSLY VARIALABLE ATTENUATOR	
DRAWN: Paiboon Luekhamhan	DATE: 02–09–2011	PART NO. CA8–20	
APPROVED: T. Nguyen	DATE: 02–09–2011	CAGE CODE: 0D2L5	SIZE: A / REV: N/A / DWG NO. 80642
	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) THIRD ANGLE PROJECTION		DO NOT SCALE THE DRAWING