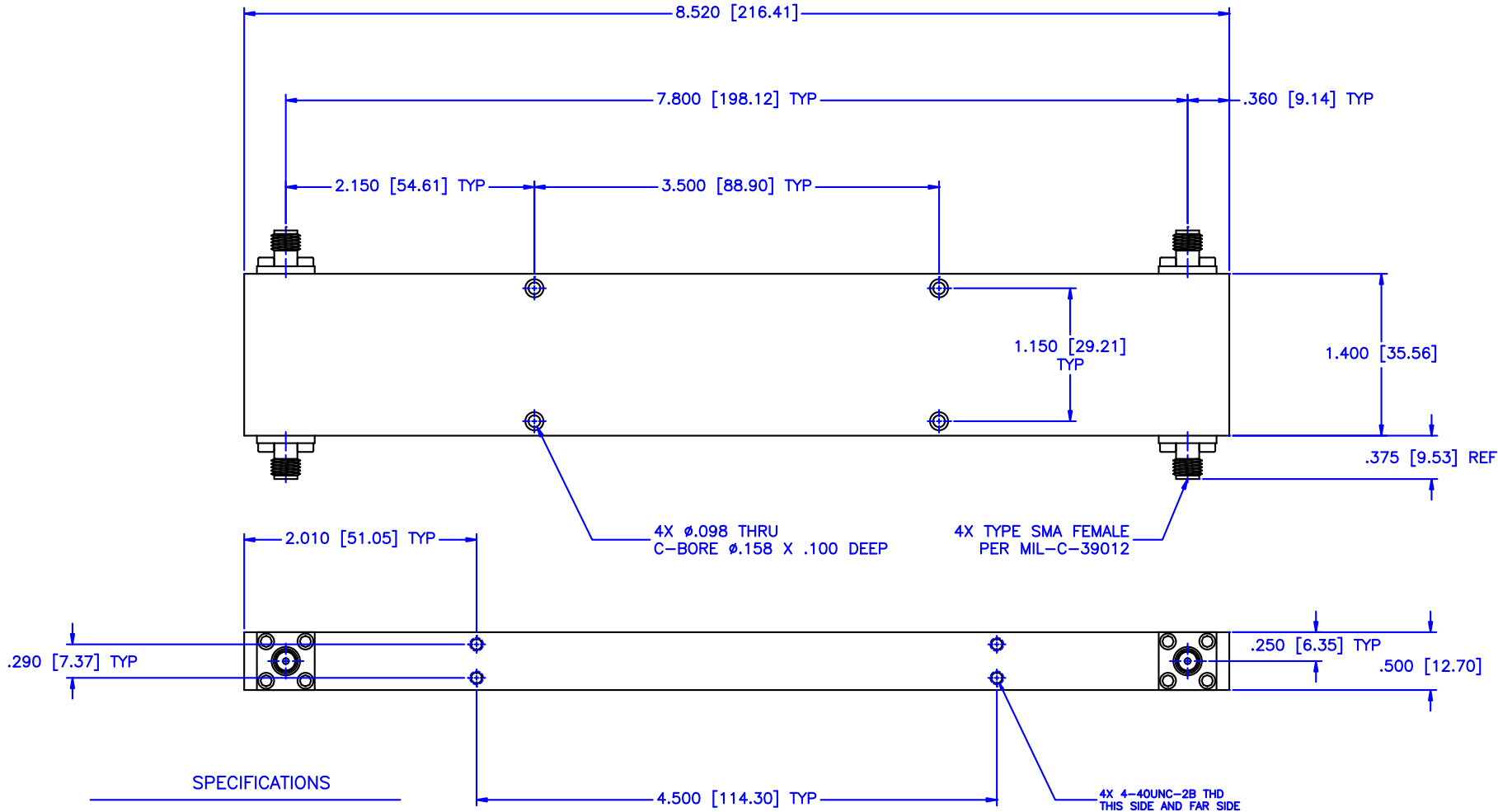


REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED



**SPECIFICATIONS**

- Frequency Range: 0.5–9 GHz
- VSWR: 1.40:1 Max.
- Insertion Loss: 1.5dB Max.
- Isolation: 19dB Min.
- Phase Balance:  $\pm 5$  Deg. Max.
- Amplitude Balance:  $\pm 0.5$ dB
- Power Rating: 20 Watts Avg, 3kW Peak
- Operational Temperature:  $-32^{\circ}$  C to  $+85^{\circ}$  C

MATERIAL:		<b>MCLI</b> MICROWAVE COMMUNICATIONS LABORATORIES INC. 7255 30TH AVE. N. SAINT PETERSBURG, FL 33710 TEL: (727) 344-8254 FAX: (727) 381-8118 <a href="http://www.mcli.com">http://www.mcli.com</a>		SCALE: N/A
DRAWING TITLE:		90° HYBRID		PART NO.:
DRAWING: Paiboon Luekhamhan		DATE: 01-12-2009		SIZE: C
APPROVED: T. Nguyen		DATE: 01-12-2009		REV: N/A
UNLESS OTHERWISE SPECIFIED: TOLERANCES: IN (INCHES) OR (mm) (MILLIMETERS): FRACTIONS: $\pm 1/64$ DECIMALS: $\pm 0.01 \pm 0.005$ ANGLE: $\pm 1/2^{\circ}$		DRAWING NO.:		84047
DRAWING TITLE: 90° HYBRID		PART NO.: HB-82		DO NOT SCALE THE DRAWING
DRAWING: Paiboon Luekhamhan		DATE: 01-12-2009		SIZE: C
APPROVED: T. Nguyen		DATE: 01-12-2009		REV: N/A
UNLESS OTHERWISE SPECIFIED: TOLERANCES: IN (INCHES) OR (mm) (MILLIMETERS): FRACTIONS: $\pm 1/64$ DECIMALS: $\pm 0.01 \pm 0.005$ ANGLE: $\pm 1/2^{\circ}$		DRAWING NO.:		84047
DRAWING TITLE: 90° HYBRID		PART NO.: HB-82		DO NOT SCALE THE DRAWING