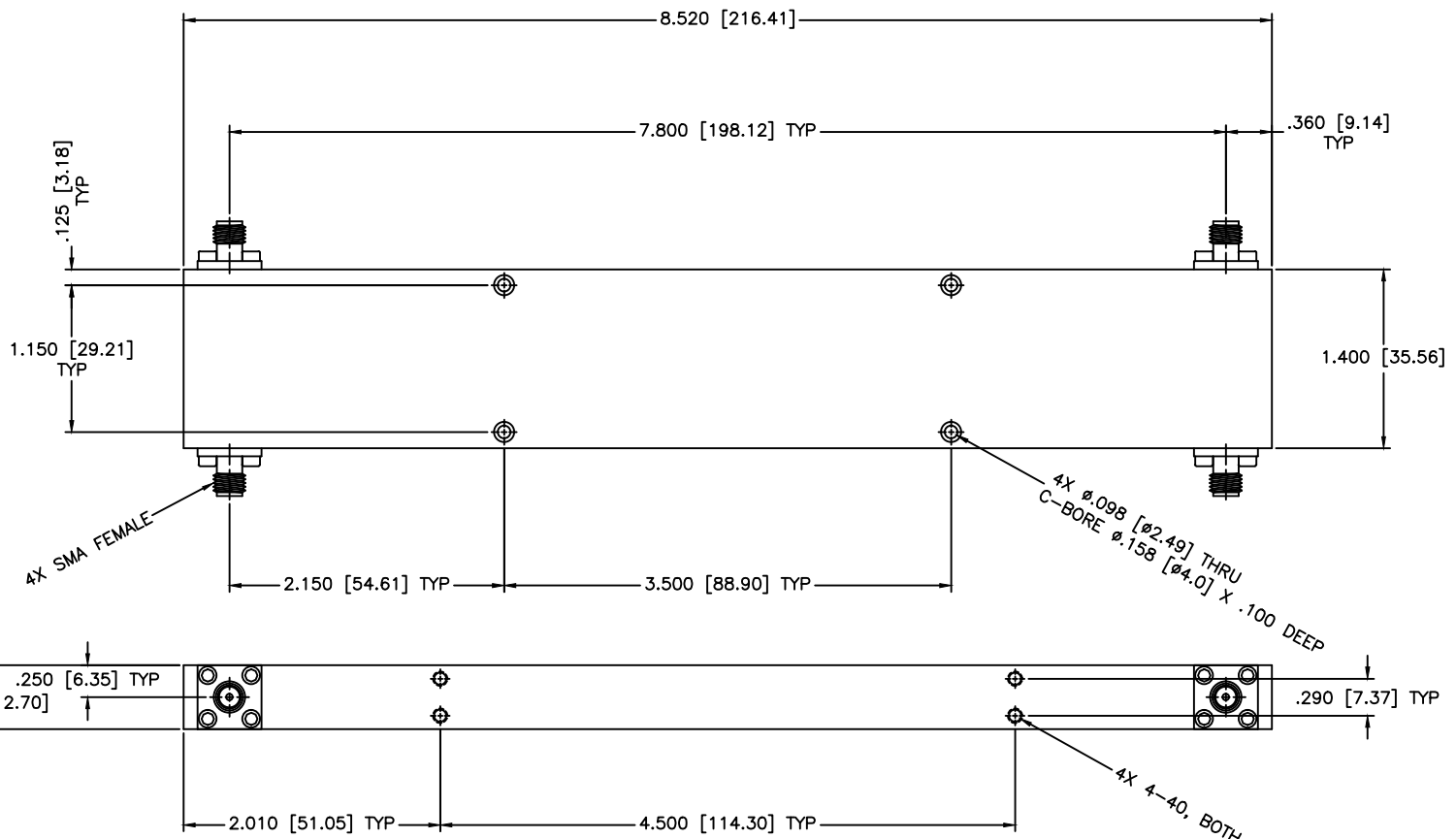


REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED



SPECIFICATIONS

Frequency Range: 0.5–9 GHz

VSWR: 1.40:1 Max.

Insertion Loss: 1.5dB Max.

Isolation: 19dB Min.

Phase Balance: ± 5 Deg. Max.

Amplitude Balance: ± 0.5 dB

Power Rating: 20W Avg, 3kW Peak

Operational Temperature: -32°C to $+85^{\circ}\text{C}$

DRAWING TITLE		90° HYBRID	
PART NO.		HB-82	
DRAWING NO.		84047	
SCALE		N/A	
SHEET		N/A	
MATERIAL		MCL I	
UNLESS OTHERWISE SPECIFIED:		TOLERANCES	
IN (INCHES) OR [mm] (MILLIMETERS)		FRACTIONS: $\pm 1/64$	
DECIMALS: ± 0.01 ± 0.005		ANGLE: $\pm 1/2^{\circ}$	
DATE: 01-12-2009		DATE: 01-12-2009	
DRAWN: Paloon Luekhamhan		DATE: 01-12-2009	
APPROVED: T. Nguyen		DATE: 01-12-2009	
CAGE CODE: OD2L5		SIZE: C	
REV: N/A		DO NOT SCALE THE DRAWING	