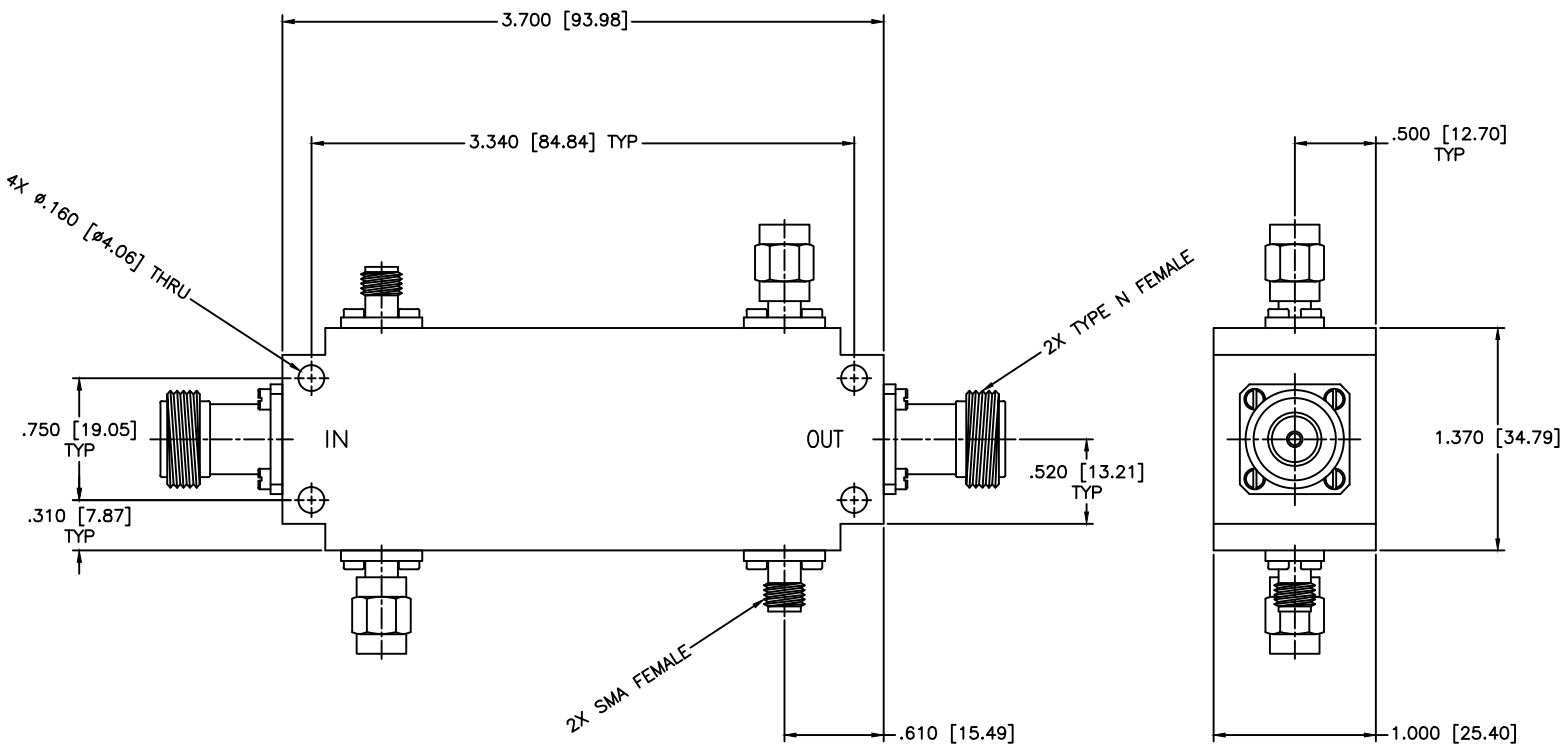


REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED



**SPECIFICATIONS**

Frequency Range: 0.8–4.2 GHz  
 Nominal Coupling: 40±1.0dB Typical  
 Coupling Sensitivity to Frequency: ±0.5dB Typ. ±0.8dB Max.  
 Directivity: 20dB Min.  
 VSWR: 1.35:1 Max.  
 Insertion Loss: 0.40dB Max.  
 Power: 600W Max.  
 Operating Temperature Range: -40°C to +85°C

MATERIAL:	
DRAWN: Paiboon Luekhamhan	DATE: 06-26-2025
APPROVED: T. Nguyen	DATE: 06-26-2025

	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: <b>HIGH POWER DUAL DIRECTIONAL COUPLER</b>		PART NO. <b>HD-42-30</b>	
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)		CAGE CODE: OD2L5	SIZE: A REV: N/A DWG NO.: 86854
THIRD ANGLE PROJECTION 		DO NOT SCALE THE DRAWING	