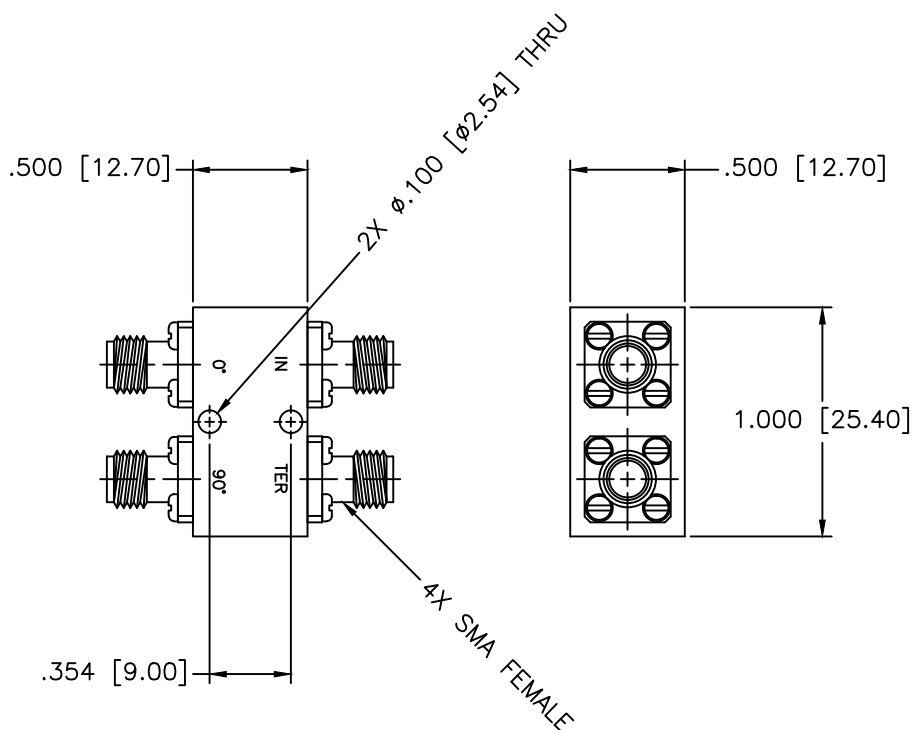


REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED



SPECIFICATIONS

Frequency Range: 7–20 GHz
 VSWR: 1.50:1 Max.
 Insertion Loss: 1.0dB Max.
 Isolation: 15dB Min.
 Phase Balance: ± 5 Deg. Max.
 Amplitude Balance: ± 0.5 dB Max.
 Power: 20W CW
 Operating Temperature: -40°C to $+85^{\circ}\text{C}$

MATERIAL: ALUMINUM 6061		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		
DRAWN: Paiboon L. APPROVED: T. Nguyen		DATE: 08-20-2025 DATE: 08-20-2025	DRAWING TITLE: 90° HYBRID PART NO. HB-100		
			CAGE CODE: OD2L5 SIZE: N/A REV: N/A DWG NO. 87354		
		UNLESS OTHERWISE SPECIFIED: TOLERANCES IN (INCHES) OR [mm] (MILLIMETERS) FRACTIONS: $\pm 1/64$ DECIMALS: $\pm .020$ MOUNTING HOLES: $\pm .008$ 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			