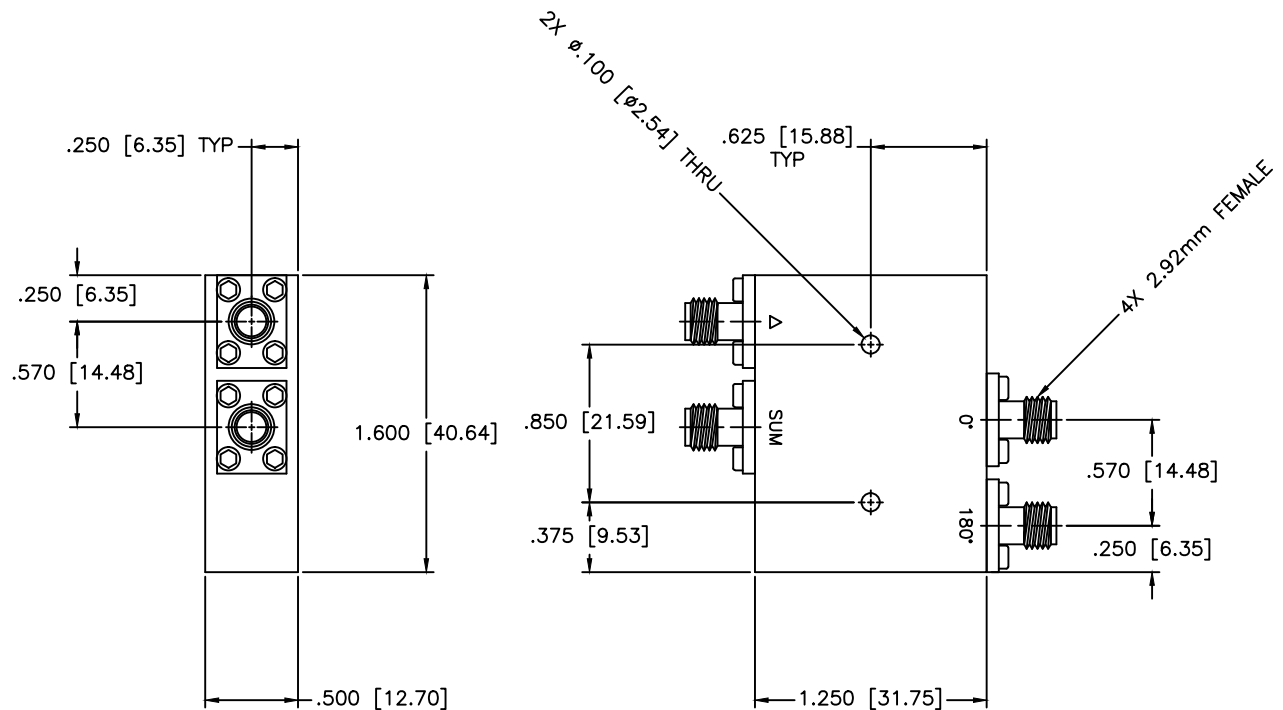


REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED



**SPECIFICATIONS**

- Frequency Range: 18–40 GHz
- Coupling: 3dB Typ.
- VSWR: 1.90:1 Max.
- Amplitude Balance:  $\pm 1.2$ dB
- Phase Balance:  $\pm 12$  Deg.
- Insertion Loss: 3.5dB Max.
- Isolation: 13dB Min.
- Power Average: 20W, 3kW Peak
- Operating Temperature:  $-32^{\circ}\text{C}$  to  $+85^{\circ}\text{C}$

MATERIAL:			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: $\pm 1/64$ DECIMALS: $\pm 0.01 \pm 0.005$ ANGLE: $\pm 1/2^{\circ}$		SHEET: N/A
DRAWN: Paiboon Luexhamhan		DATE: 06-24-2010		DRAWING TITLE: 180° HYBRID	
APPROVED: T. Nguyen		DATE: 06-24-2010		PART NO. HJ-53	
		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. 84970
		THIRD ANGLE PROJECTION 		DO NOT SCALE THE DRAWING	