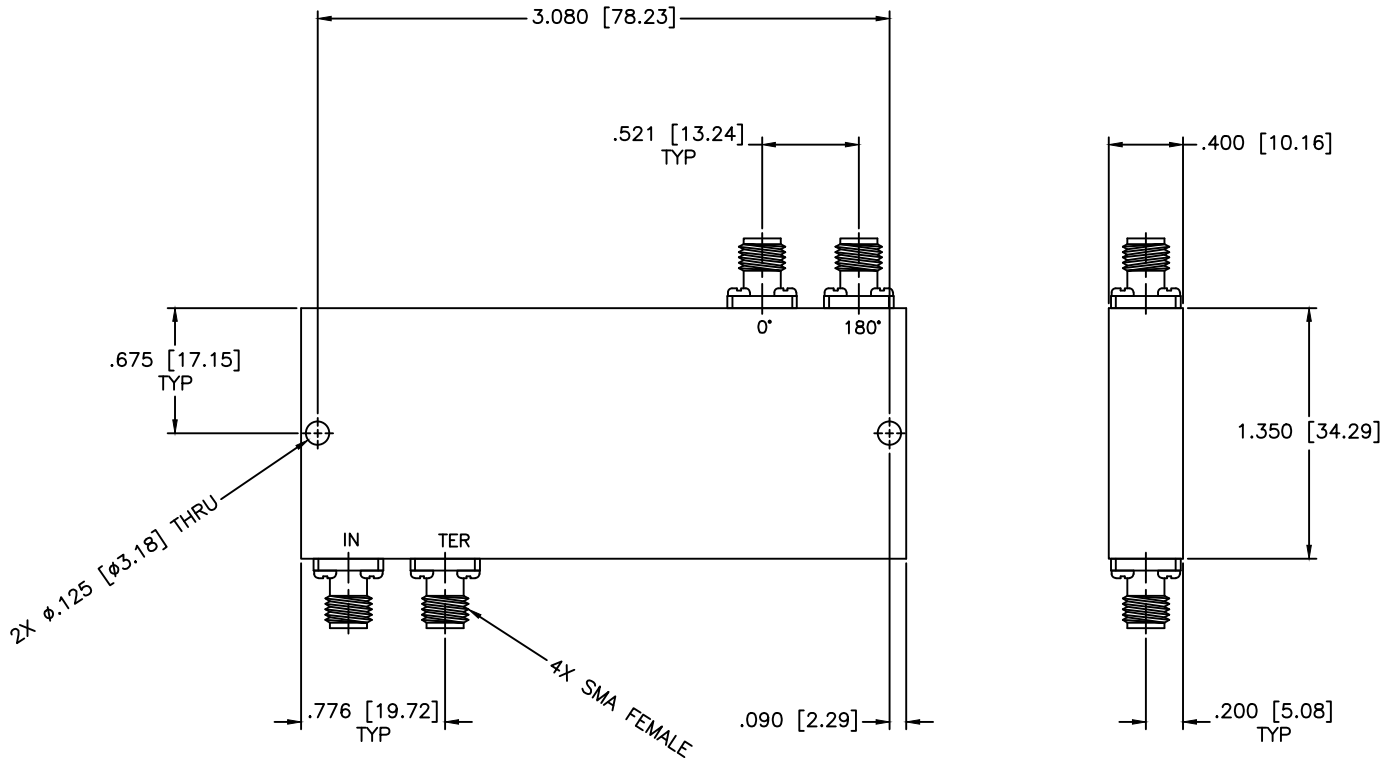


REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED



**SPECIFICATIONS**

- Frequency Range: 3.1–3.5 GHz
- Isolation: 18dB Min.
- VSWR: 1.5:1 Max.
- Insertion Loss: 0.4dB Max.
- Phase Balance:  $\pm 3^\circ$  Max.
- Amplitude Balance:  $\pm 0.3$  Max.
- Input Power: 50W Max, 1kW Peak

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
DRAWING TITLE:		180° HYBRID			
PART NO.:		HJ-39			
DRAWN: Paiboon Luekhamhan	DATE: 01-28-2010	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.: 84672
APPROVED: T. Nguyen	DATE: 01-28-2010	THIRD ANGLE PROJECTION 		DO NOT SCALE THE DRAWING	