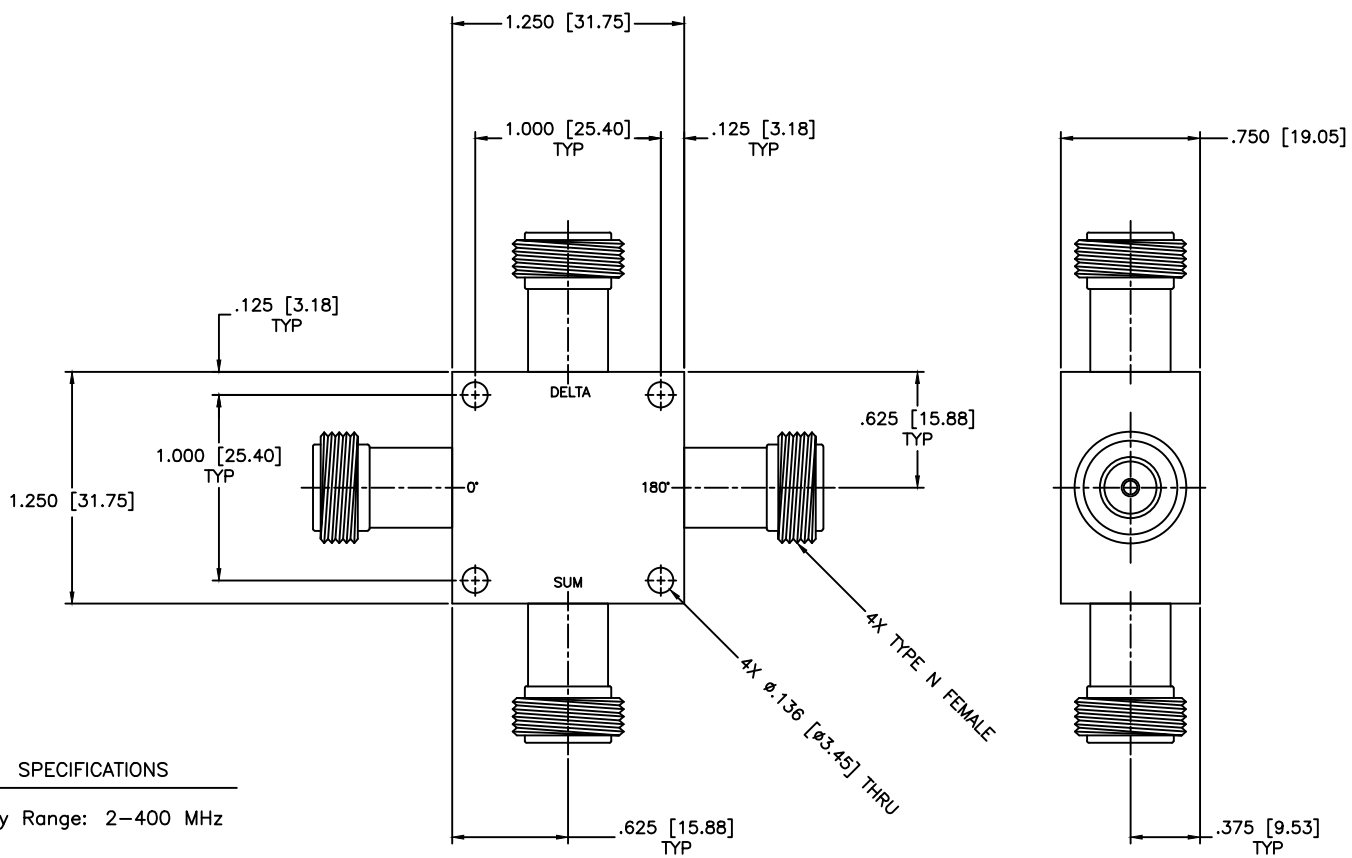


REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED



**SPECIFICATIONS**

- Frequency Range: 2–400 MHz
- Isolation: 15dB Min.
- VSWR: 1.50:1 Max.
- Insertion Loss: 2.5dB Max.
- Amplitude Balance:  $\pm 0.3$ dB Max.
- Phase Balance:  $\pm 5^\circ$  Max.
- Operating Temperature:  $-55^\circ\text{C}$  to  $+85^\circ\text{C}$

MATERIAL:	
DRAWN: Paiboon Luexhamhan	DATE: 07-12-2011
APPROVED: T. Nguyen	DATE: 07-12-2011

	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° FOUR PORT HYBRID		PART NO. JL-25/NF	
CAGE CODE: OD2L5	SIZE: A	REV: N/A	DWG NO. 84894
DO NOT SCALE THE DRAWING			

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