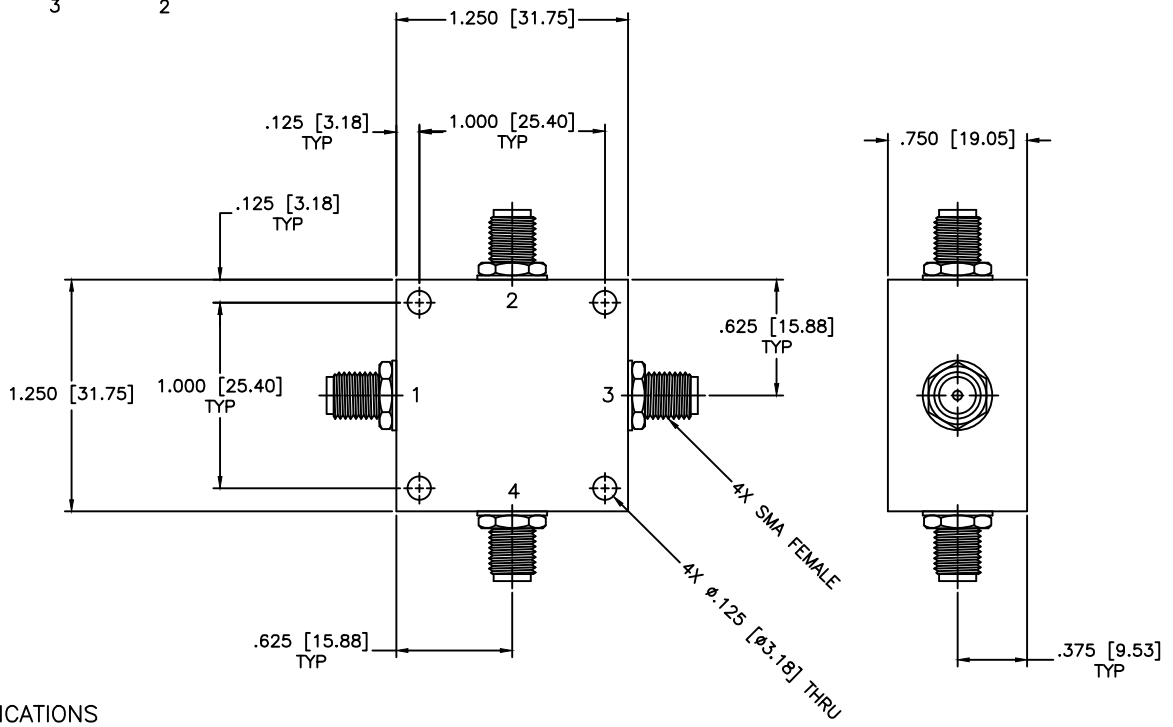


REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED

PORT CONFIGURATION

0° Out	Sum	180° Out	Delta
1	4	3	2



SPECIFICATIONS

- Frequency Range: 3–30 MHz
- Isolation: 20dB Min.
- VSWR: 1.30:1 Max.
- Insertion Loss: 0.80dB Max.
- Amplitude Balance: ±0.20dB Max.
- Phase Balance: ±2 Deg. Max.

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: ± 1/64 DECIMALS: ±.01 ±.005 ANGLE: ±1/2°			DRAWING TITLE:  180° FOUR PORT HYBRID		SHEET: N/A
DRAWN: Paiboon Luekhamhan		DATE: 11-26-2013		PART NO.  JL-11	
APPROVED: T. Nguyen		DATE: 11-26-2013		CAGE CODE: OD2L5	SIZE: A REV: N/A DWG NO.: 86464
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	