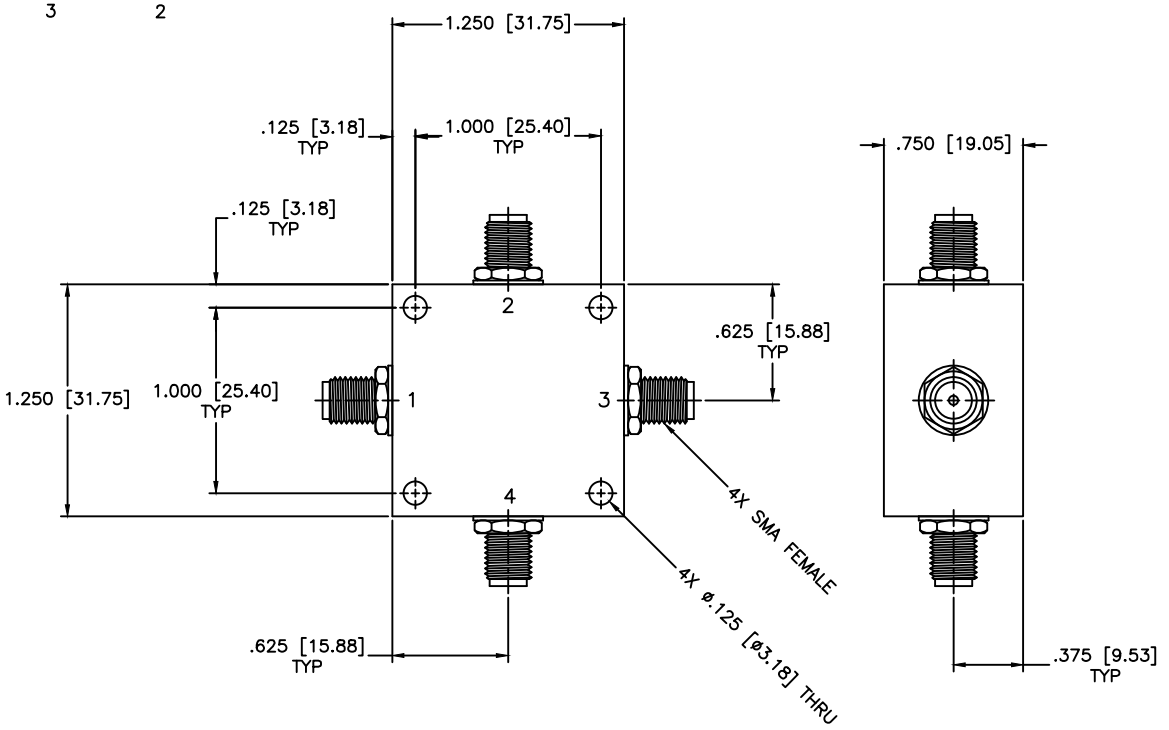
| REVISIONS | | | | |
|---|---|---|---|---|
| ZONE | REV | DESCRIPTION | DATE | APPROVED |

## PORT CONFIGURATION

| 0° Out | Sum | 180° Out | Delta |
|---|---|---|---|
| 1 | 4 | 3 | 2 |




## SPECIFICATIONS

| | |
|---|---|
| Frequency Range: | 10–20 MHz |
| Isolation: | 20dB Min. |
| VSWR: | 1.30:1 Max. |
| Insertion Loss: | 0.80dB Max. |
| Amplitude Balance: | ±0.20dB Max. |
| Phase Balance: | ±2° Max. |
| Operating Temperature: | −55°C to +85°C |

MATERIAL:

MCLI

MICROWAVE COMMUNICATIONS LABORATORIES INC.
7255 30TH AVE. N. SAINT PETERSBURG, FL 33710
TEL: (727) 344-6254 FAX: (727) 381-6116
hhtp://WWW.MCLI.COM

SCALE: N/A
SHEET: 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

PART NO. JL-1

DRAWN: Paiboon Luekhamhan DATE: 11-30-1997

APPROVED: T. Nguyen DATE: 11-30-1997

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

CAGE CODE: 0D2L5

SIZE: A REV: N/A

DO NOT SCALE THE DRAWING

DWG NO. 80736