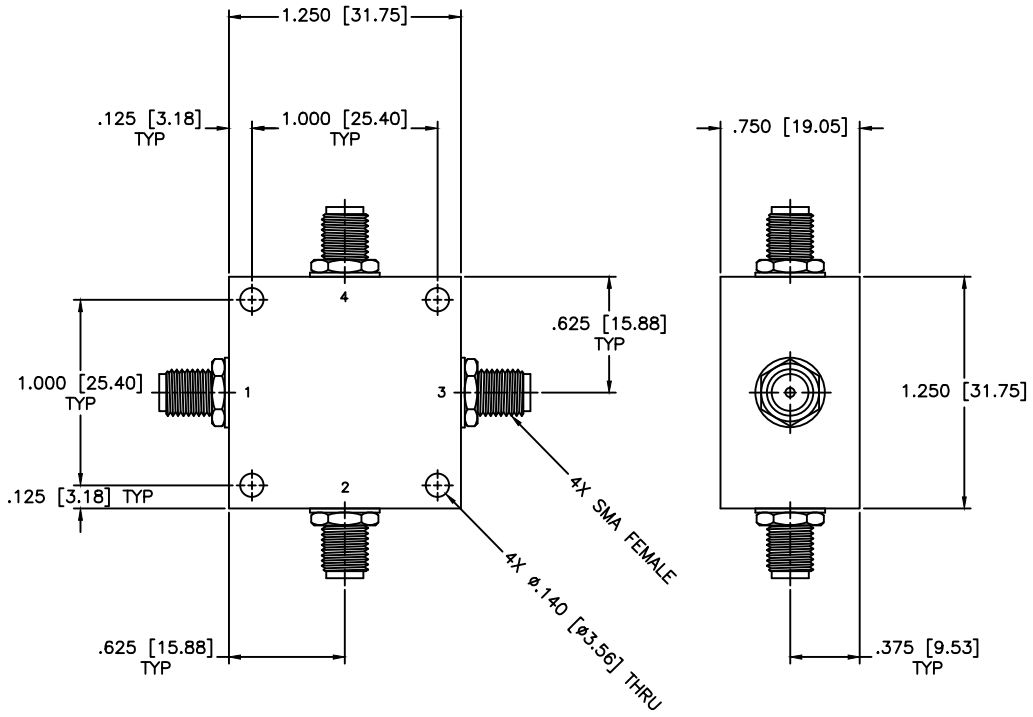
REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED

PORT CONFIGURATION

0° Output	Input	90° Output	Isolated
4	1	3	2



SPECIFICATIONS

Frequency Range:	10–100 MHz
Isolation:	20dB Min.
VSWR:	1.30:1 Max.
Insertion Loss:	1.5dB Max.
Amplitude Balance:	1.2dB Max.
Phase Balance:	3° Max.
Operating Temperature:	–55°C to +100°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: ±.015
ANGLE: ±1/2°

DRAWING TITLE: 90° OCTAVE FOUR PORT HYBRID

PART NO. BL–20

DRAWN: Paiboon Luekhamhan DATE: 10–05–2010

APPROVED: T. Nguyen DATE: 10–05–2010

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)

THIRD ANGLE PROJECTION

CAGE CODE: 0D2L5

SIZE: A REV: N/A

DO NOT SCALE THE DRAWING

DWG NO. 85070