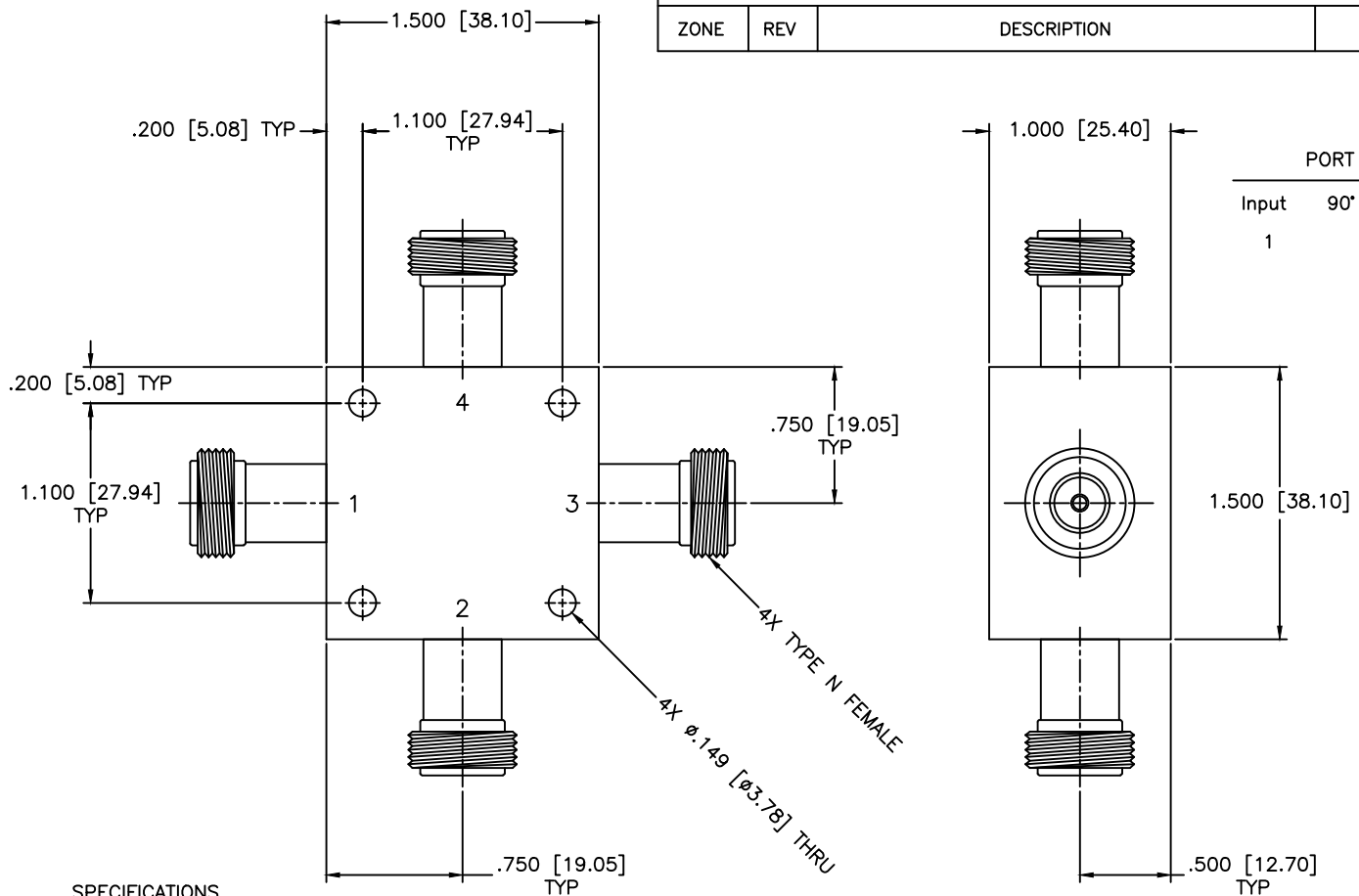


REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED



PORT CONFIGURATION				
Input	90° Out	Isolated	0° Out	
1	2	3	4	

SPECIFICATIONS

- Frequency Range: 120 MHz
- Isolation: 20dB Min.
- VSWR: 1.20:1 Max.
- Insertion Loss: 0.5dB Max.
- Amplitude Balance: ±0.3dB Max.
- Phase Balance: ±2.5 Deg. Max.
- Operating Temperature: -55°C to +85°C

MATERIAL:	
DRAWN: Paiboon Luekhamhan	DATE: 11-29-1997
APPROVED: T. Nguyen	DATE: 11-29-1997

	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°		SHEET: N/A
DRAWING TITLE: 90° HYBRID 10% BANDWIDTH		PART NO. HL-10/NF	
CAGE CODE: OD2L5	SIZE: A	REV: N/A	DWG NO. 80674
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