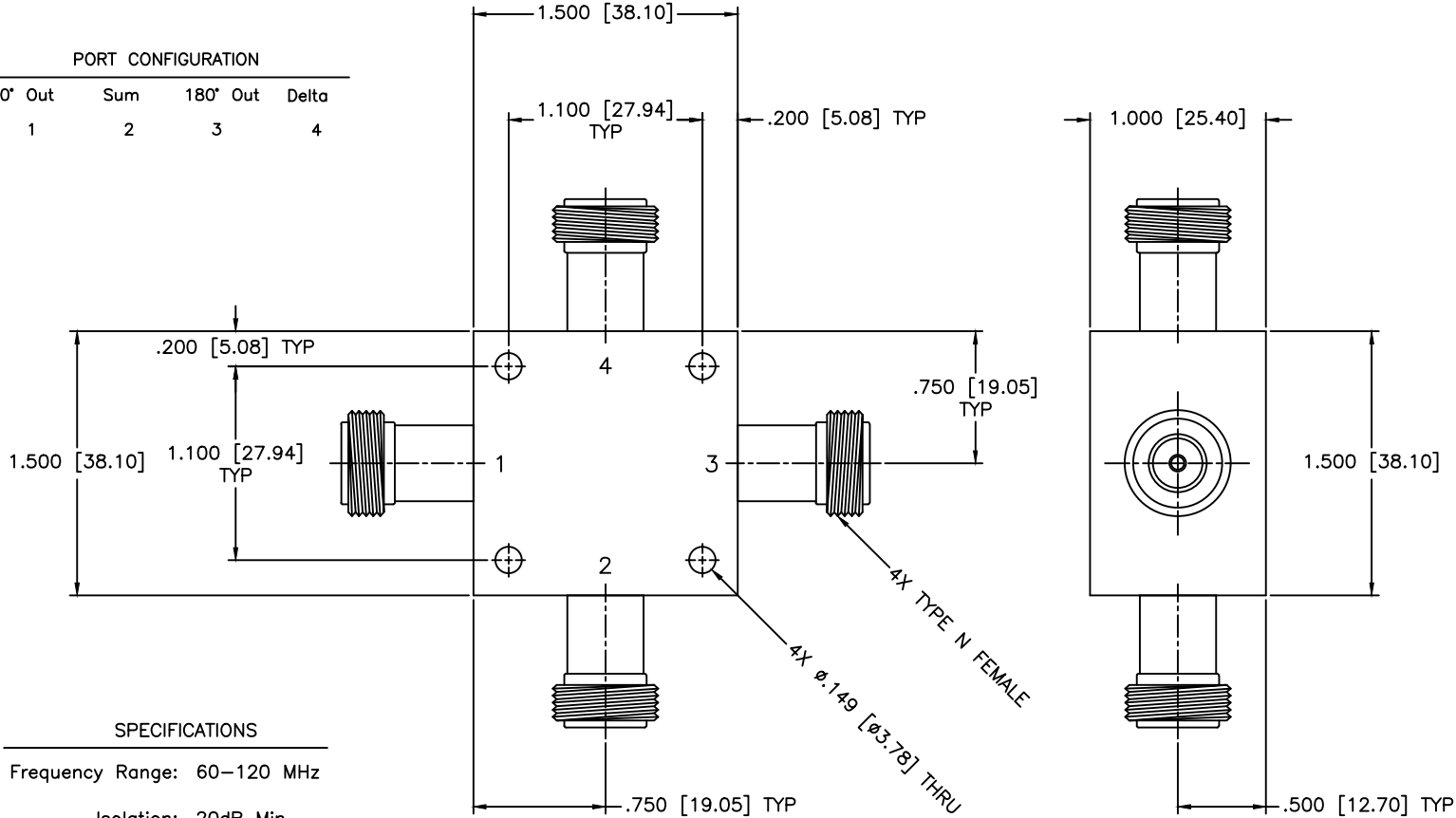


REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED

PORT CONFIGURATION				
0° Out	Sum	180° Out	Delta	
1	2	3	4	



SPECIFICATIONS

- Frequency Range: 60–120 MHz
- Isolation: 20dB Min.
- VSWR: 1.30:1 Max.
- Insertion Loss: 1.0dB Max.
- Amplitude Balance: ±0.6dB Max.
- Phase Balance: ±3 Deg. Max.
- Operating Temperature: -55°C to +85°C

MATERIAL:	
DRAWN:	DATE:
Paiboon Luekhamhan	11-30-1997
APPROVED:	DATE:
T. Nguyen	11-30-1997

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

UNLESS OTHERWISE SPECIFIED:
 TOLERANCES
 IN (INCHES) OR [mm] (MILLIMETERS)
 FRACTIONS: ± 1/64
 DECIMALS: ±.01 ±.005
 ANGLE: ±1/2°

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

SCALE:	N/A
SHEET:	N/A
DRAWING TITLE:	
180° FOUR PORT HYBRID	
PART NO.	
JL-5/NF	
CAGE CODE:	SIZE:
OD2L5	A
REV:	N/A
DO NOT SCALE THE DRAWING	
DWG NO.	
80731	