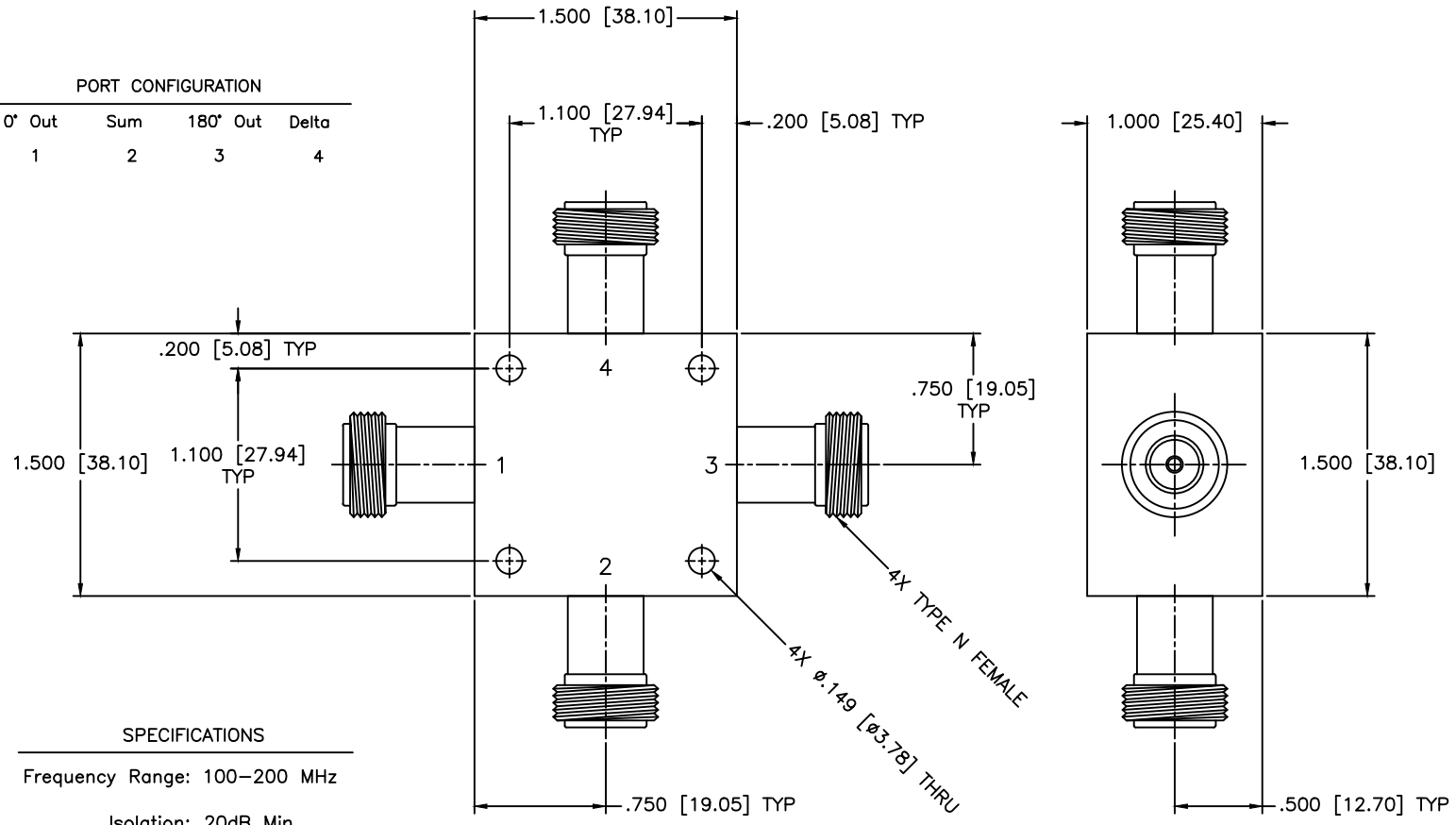


| REVISIONS | | | | |
|-----------|-----|-------------|------|----------|
| ZONE | REV | DESCRIPTION | DATE | APPROVED |

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



SPECIFICATIONS

Frequency Range: 100–200 MHz
 Isolation: 20dB Min.
 VSWR: 1.35:1 Max.
 Insertion Loss: 1.2dB Max.
 Amplitude Balance: ±0.75dB Max.
 Phase Balance: ±3° Max.
 Operating Temperature: –55°C to +85°C

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

| | | | |
|--|--|---------------------|------------------|
| | 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: 180° FOUR PORT HYBRID | | PART NO. JL-7/NF | |
| CAGE CODE: OD2L5 | SIZE: A | REV: N/A | DWG NO. 80733 |
| DO NOT SCALE THE DRAWING | | | |

