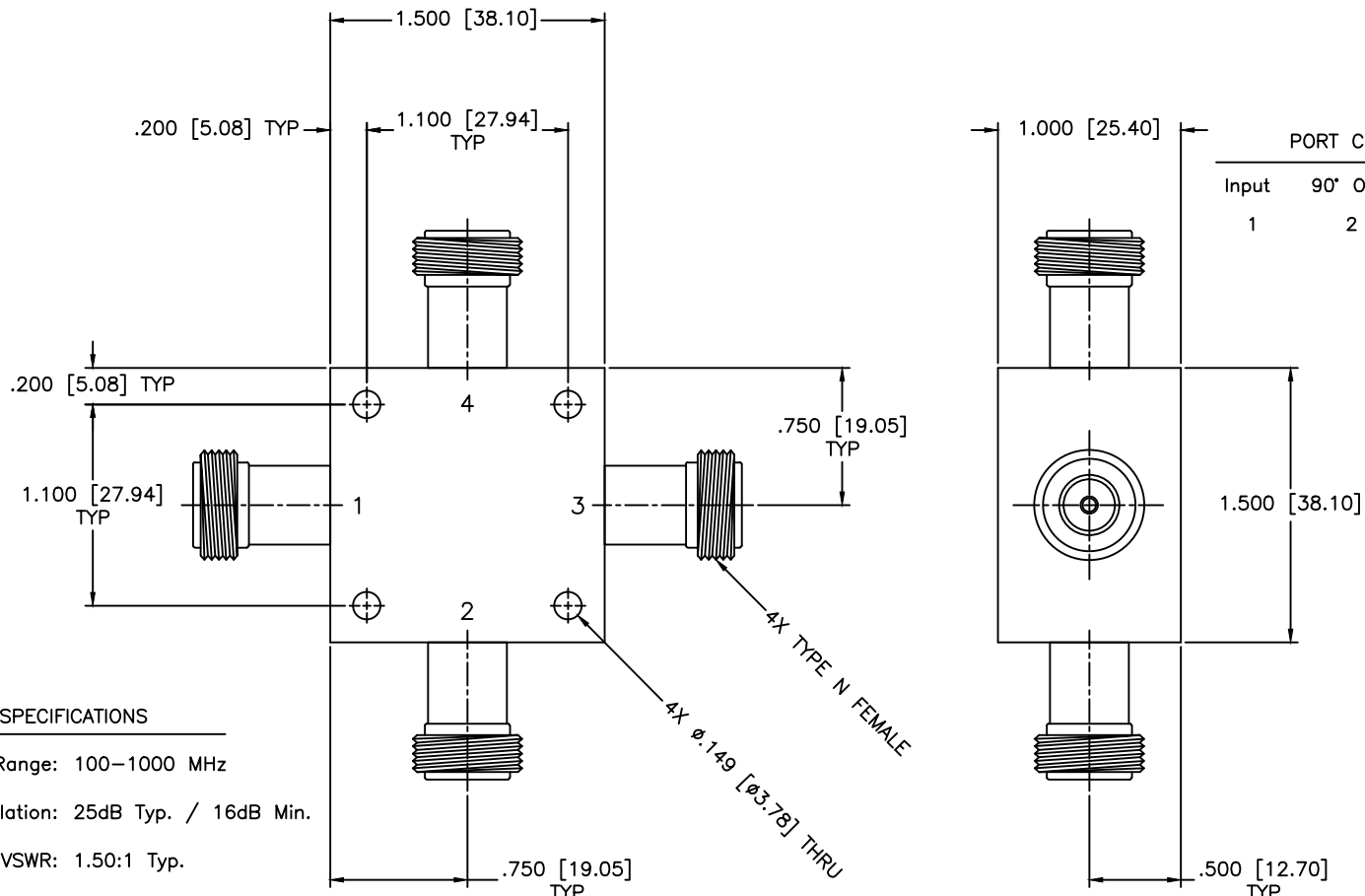


REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED



**SPECIFICATIONS**

- Frequency Range: 100–1000 MHz
- Isolation: 25dB Typ. / 16dB Min.
- VSWR: 1.50:1 Typ.
- Insertion Loss: 1.7dB Typ. / 2.3dB Max.
- Amplitude Unbalance: 1.2dB Typ. / 1.8dB Max.
- Phase Unbalance: ±6° Typ. / ±10° Max.
- Impedance: 50 Ohms
- Power Rating: 1 Watt Max.
- Operating Temperature: -20°C to +70°C

MATERIAL:	
/	
DRAWN: Paiboon Luekhamhan	DATE: 11-26-2013
APPROVED: T. Nguyen	DATE: 11-26-2013

**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: ±.02 ±.009  
ANGLE: ±1/2°

PROPERTY 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: 90° HYBRID, OCTAVE	
PART NO. BL-21/NF	
CAGE CODE: OD2L5	SIZE: A
REV: N/A	DWG NO. 86461
DO NOT SCALE THE DRAWING	