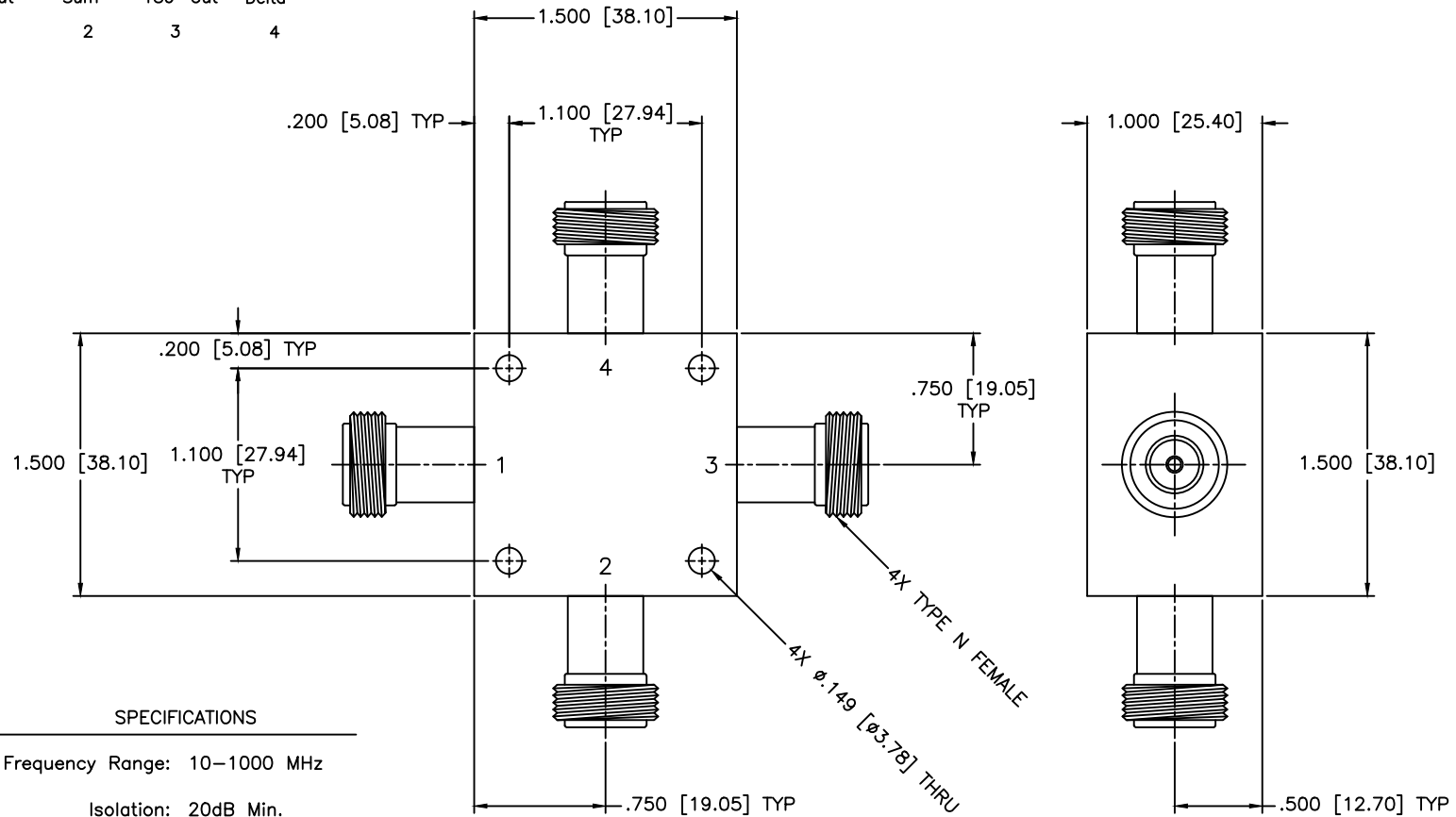


REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED

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



SPECIFICATIONS

Frequency Range: 10–1000 MHz
 Isolation: 20dB Min.
 VSWR: 1.50:1 Max.
 Insertion Loss: 2.0db Max.
 Amplitude Balance: ±0.5db Max.
 Phase Balance: ±4° Max.
 Operating Temperature: -55°C to +85°C

MATERIAL:	
DRAWN: Paiboon Luexhamhan	DATE: 06-09-2010
APPROVED: T. Nguyen	DATE: 06-09-2010

	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-19/NF	
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)		CAGE CODE: OD2L5	SIZE: A REV: N/A DWG NO.: 84896
THIRD ANGLE PROJECTION 		DO NOT SCALE THE DRAWING	