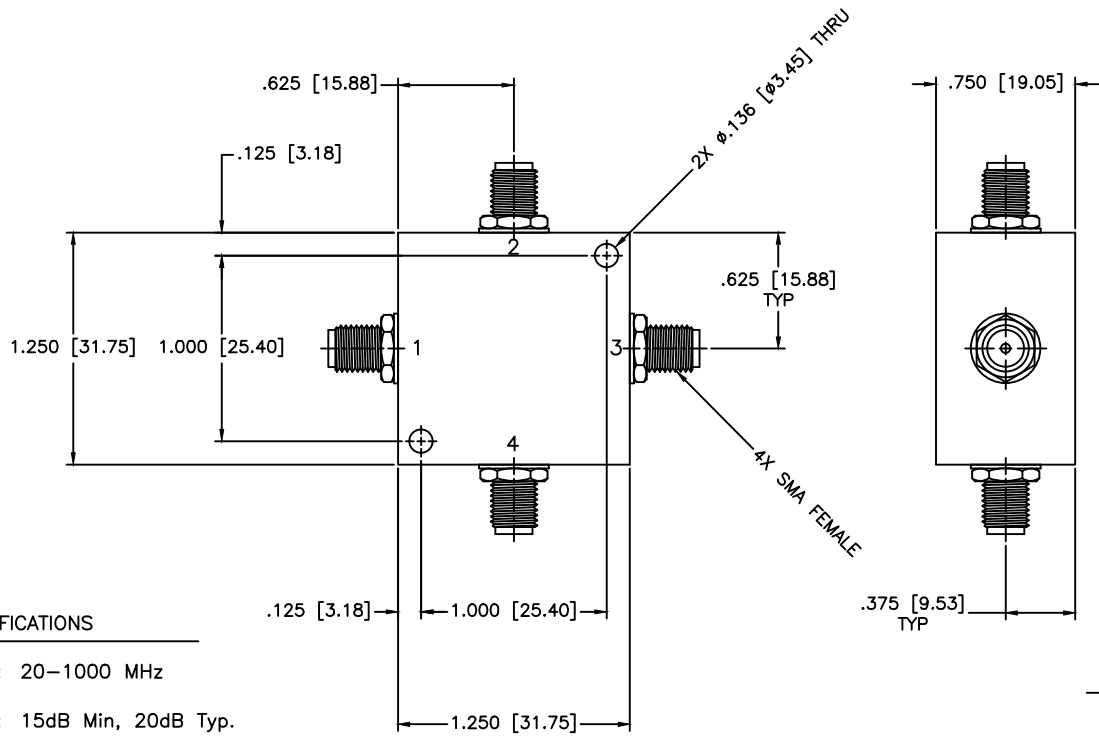


REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED



SPECIFICATIONS

- Frequency Range: 20–1000 MHz
- Isolation: 15dB Min, 20dB Typ.
- VSWR: 1.30:1 Typ.
- Insertion Loss: 2.3dB Max.
- Amplitude Balance: 1.0dB Max.
- Phase Balance: 5 Deg. Max.
- Input Power Rating: 1 Watt Max.
- Impedance: 50 Ohms (Nom.)
- Operating Temperature: -40°C to +85°C

PORT CONFIGURATION

SUM	DELTA	0° OUTPUT	180° OUTPUT
4	2	1	3

MATERIAL:			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: ±.015 ANGLE: ±1/2°		SHEET: N/A	
DRAWING TITLE:		4 PORT 180° HYBRID				
PART NO.:		JL-22				
DRAWN:	DATE:	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:	SIZE:	REV:	DWG NO.:
APPROVED:	DATE:		OD2L5	A	N/A	86259
		THIRD ANGLE PROJECTION 	DO NOT SCALE THE DRAWING			