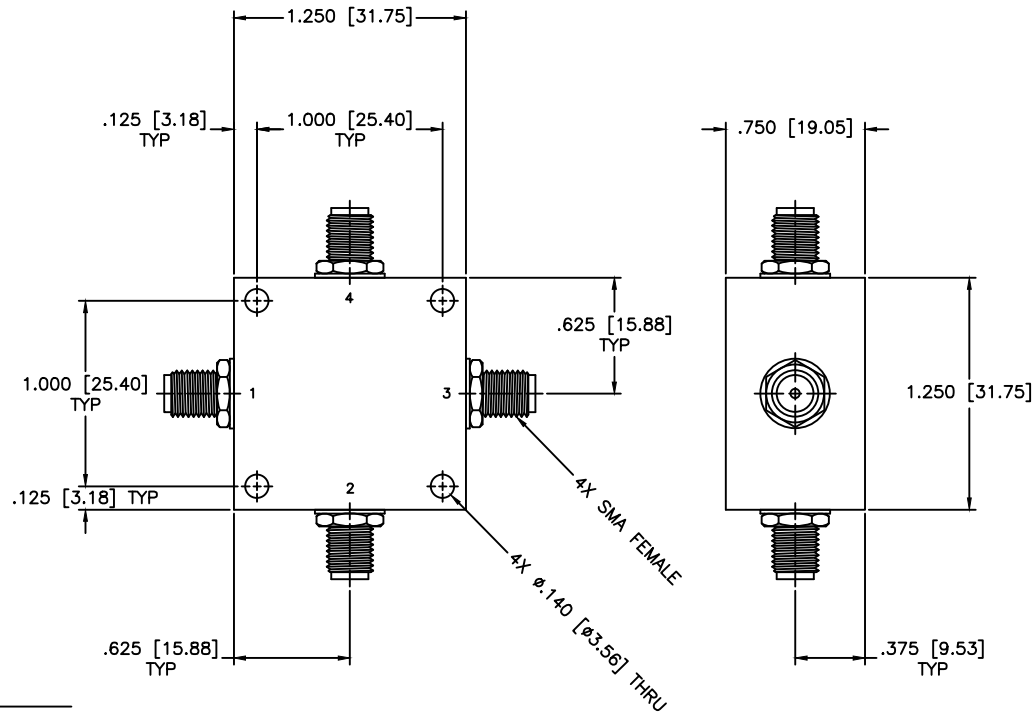


REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED

PORT CONFIGURATION			
0° Output	Input	90° Output	Isolated
4	1	3	2



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:			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:		90° OCTAVE FOUR PORT HYBRID				
PART NO.:		BL-21				
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	85071
PAIBOON LUEKHAMHAN T. NGUYEN		10-05-2010 10-05-2010		DO NOT SCALE THE DRAWING		