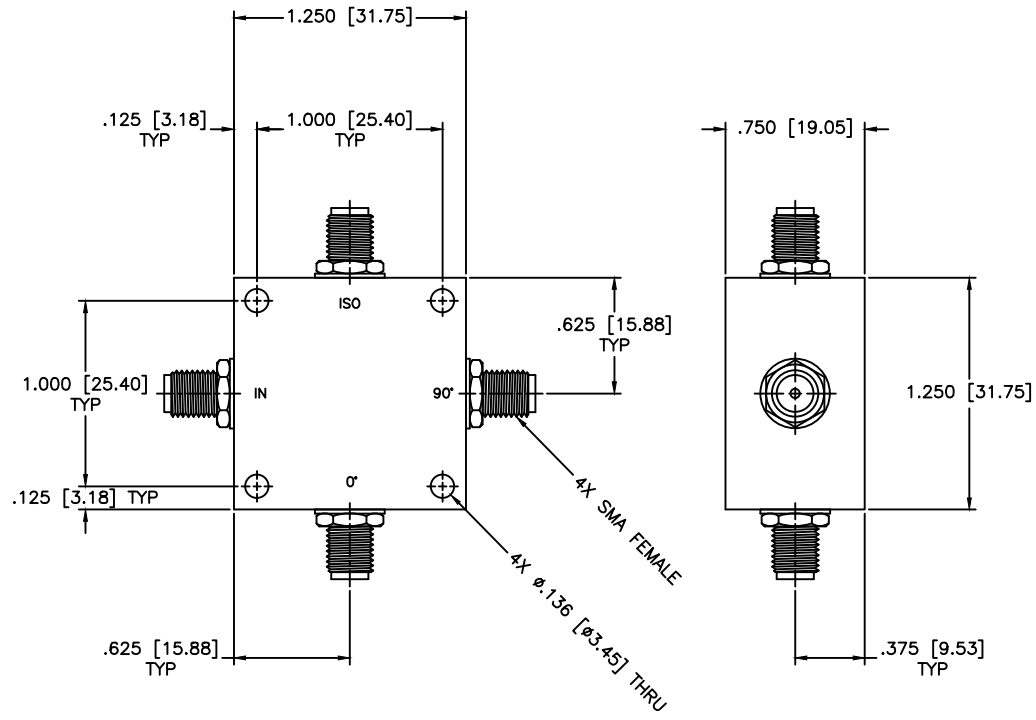


REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED

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



**SPECIFICATIONS**

Frequency Range: 2–32 MHz  
 Isolation: 20dB Min.  
 VSWR: 1.30:1 Typ.  
 Insertion Loss: 1.5dB Max.  
 Amplitude Balance: ±1.2dB Max.  
 Phase Balance: ±3° Deg. Max.  
 Power Rating: 1 Watt Max.  
 Operating Temperature: –55°C to +85°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: ±.01 ±.005 ANGLE: ±1/2°		SHEET: N/A
DRAWING TITLE:		90° HYBRID OCTAVE LUMPED ELEMENT			
DRAWN: Paiboon Luekhamhan		DATE: 10-20-2009		PART NO. BL-17	
APPROVED: T. Nguyen		DATE: 10-20-2009		CAGE CODE: OD2L5	SIZE: A REV: N/A DWG NO. 84609
		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)		DO NOT SCALE THE DRAWING	