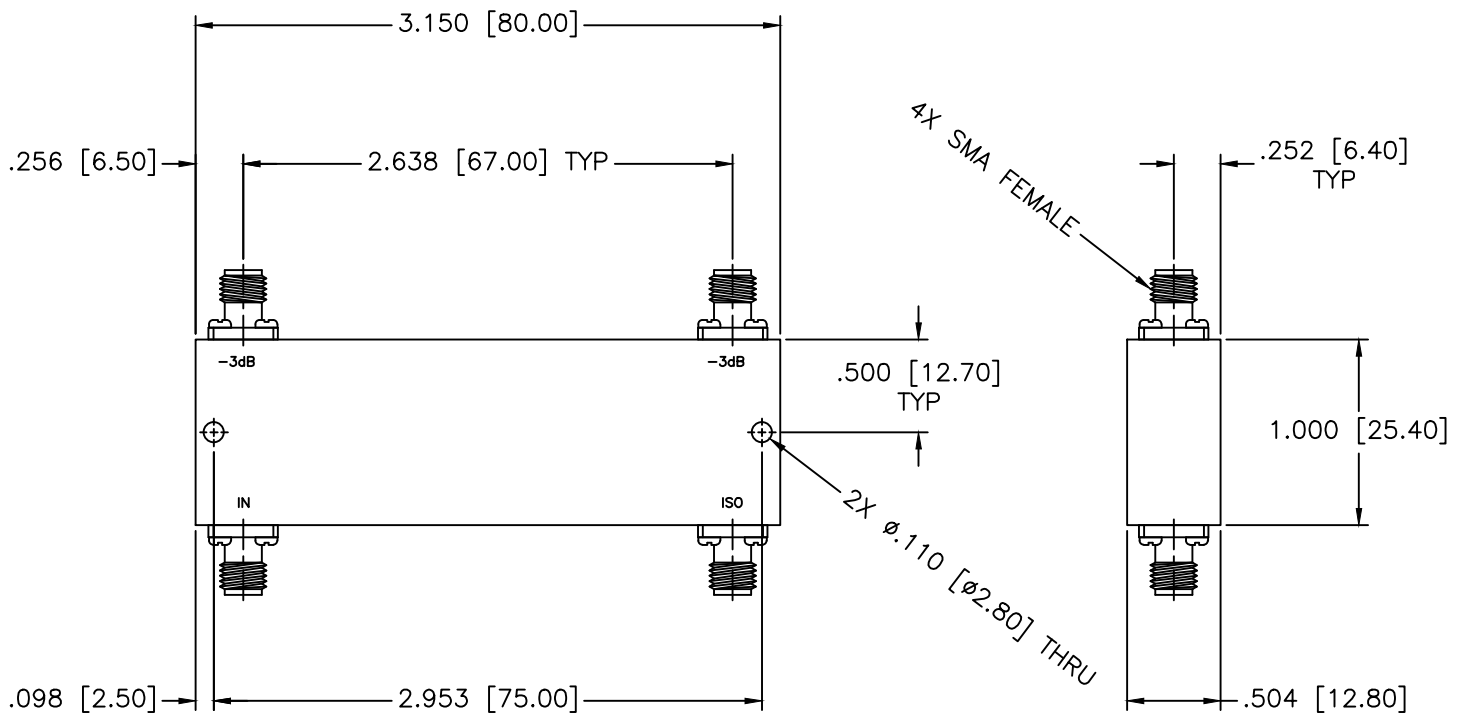


REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED



SPECIFICATIONS

Frequency Range: 1–6 GHz
 Isolation: 17dB Min.
 VSWR: 1.35:1 Max.
 Insertion Loss: 0.8dB Max.
 Amplitude Balance: ± 0.5 dB Max.
 Phase Balance: $\pm 8^\circ$ Max.
 Power: 50W Max.
 Operating Temperature Range: -55°C to $+85^\circ\text{C}$

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: $\pm 1/64$ DECIMALS: $\pm 0.01 \pm 0.005$ ANGLE: $\pm 1/2^\circ$		DRAWING TITLE:	90° HYBRID COUPLER
DRAWN:		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)		PART NO.	HB-51	
DATE:		THIRD ANGLE PROJECTION 		CAGE CODE:	SIZE:	REV:
APPROVED:		T. Nguyen		OD2L5	A	A
DATE:		02-16-2010		DO NOT SCALE THE DRAWING		DWG NO.
						84711