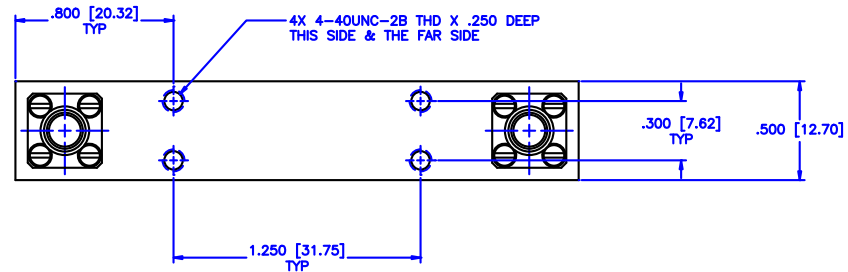
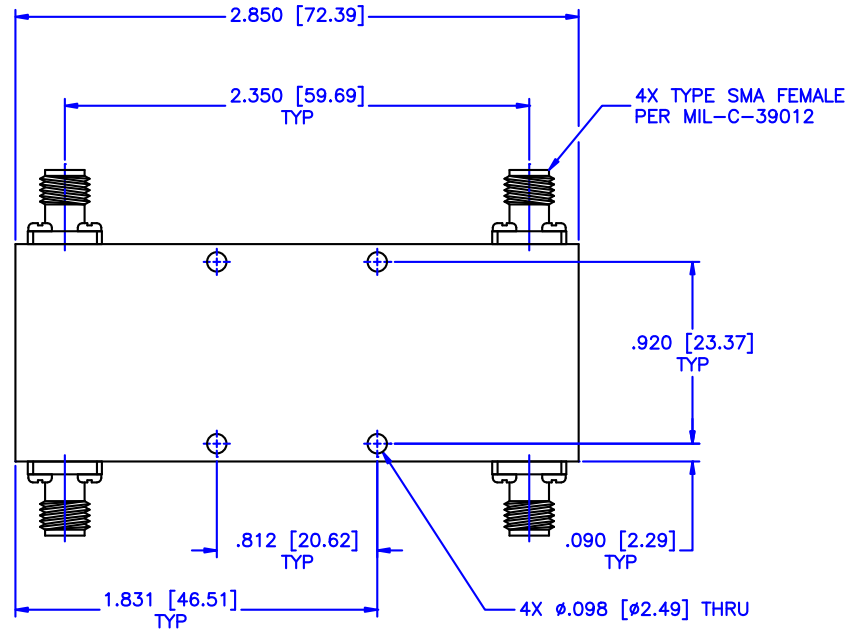


SPECIFICATIONS

Frequency Range: 2–18 GHz  
 VSWR: 1.35:1 Max.  
 Insertion Loss: 1.3dB Max.  
 Isolation: 17dB Min.  
 Phase Balance:  $\pm 7^\circ$  Deg.  
 Amplitude Balance:  $\pm 0.4$ dB Max.  
 Power Avg: 20W Max.  
 Power Peak: 3kW Max.  
 Operating Temperature:  $-32^\circ\text{C}$  to  $+85^\circ\text{C}$

REVISIONS				
ZONE	REV	DESCRIPTION	Date	APPROVED



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
				SHEET:	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: <b>90° HYBRID</b>			
DRAWN: Paiboon Luexhamhan		DATE: 01-26-2011		PART NO. <b>HB-9</b>	
APPROVED: T. Nguyen		DATE: 01-26-2011		CAGE CODE: OD2L5	SIZE: N/A REV: N/A DWG NO.: 82401 DO NOT SCALE THE DRAWING

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)

THIRD ANGLE PROJECTION