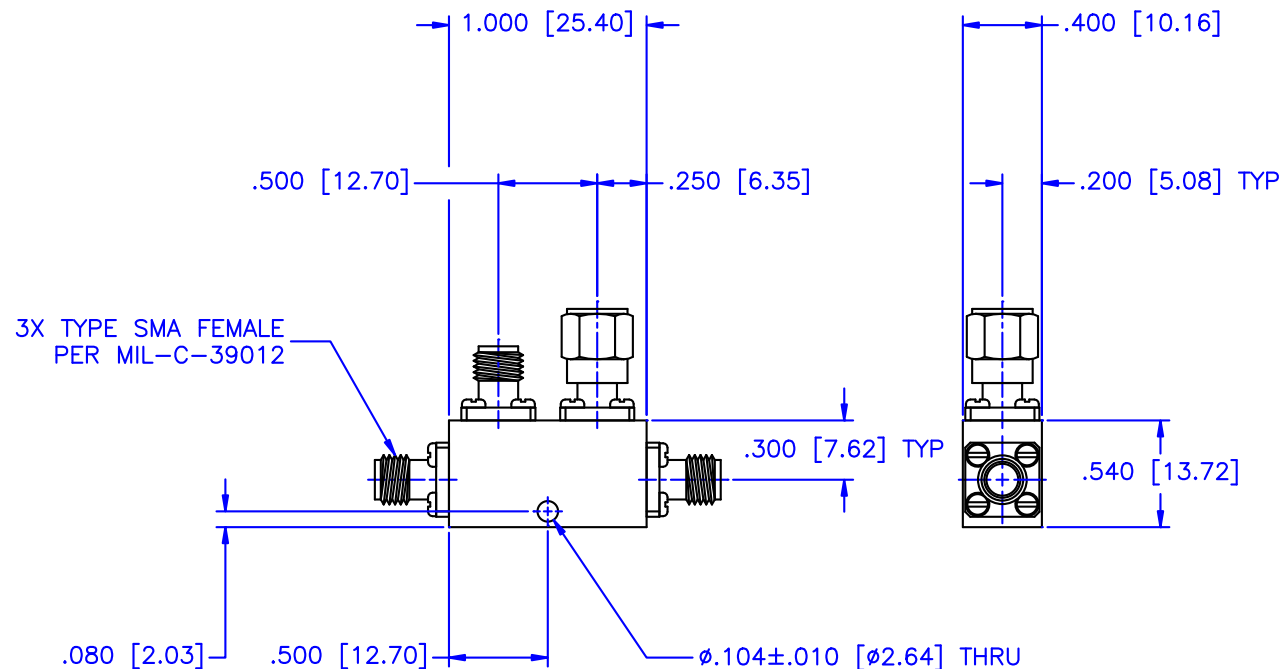


REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED



#### SPECIFICATIONS

Frequency Range: 10–15 GHz

Coupling:  $20 \pm 1.25$  dB

Insertion Loss True: 0.50 dB Max.

Insertion loss: 0.50 dB Max. (exclude coupled power)

Frequency Sensitivity:  $\pm 0.75$  dB

Directivity: 15 dB Min.

Impedance: 50 Ohms

VSWR Primary/Secondary: 1.35:1/1.40:1 Max.

Power Avg/Peak: 50W / 2kW

MATERIAL:				MICROWAVE COMMUNICATIONS LABORATORIES INC. 7255 30TH AVE. N. SAINT PETERSBURG, FL 33710 TEL: (727) 344-6254 FAX: (727) 381-6116 <a href="http://WWW.MCLI.COM">http://WWW.MCLI.COM</a>		SCALE: N/A SHEET: N/A	
UNLESS OTHERWISE SPECIFIED: TOLERANCES IN (INCHES) OR [mm] (MILLIMETERS) FRACTIONS: $\pm 1/64$ DECIMALS: $\pm .01 \pm .005$ ANGLE: $\pm 1/2^\circ$		DRAWING TITLE: DIRECTIONAL COUPLER					
		PART NO. C105-20					
DRAWN: Paiboon Luekhamhan		DATE: 04-08-2011		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: 0D2L5	
APPROVED: T. Nguyen		DATE: 04-08-2011		THIRD ANGLE PROJECTION 		SIZE: A REV: N/A DO NOT SCALE THE DRAWING	
						DWG NO. 85598	