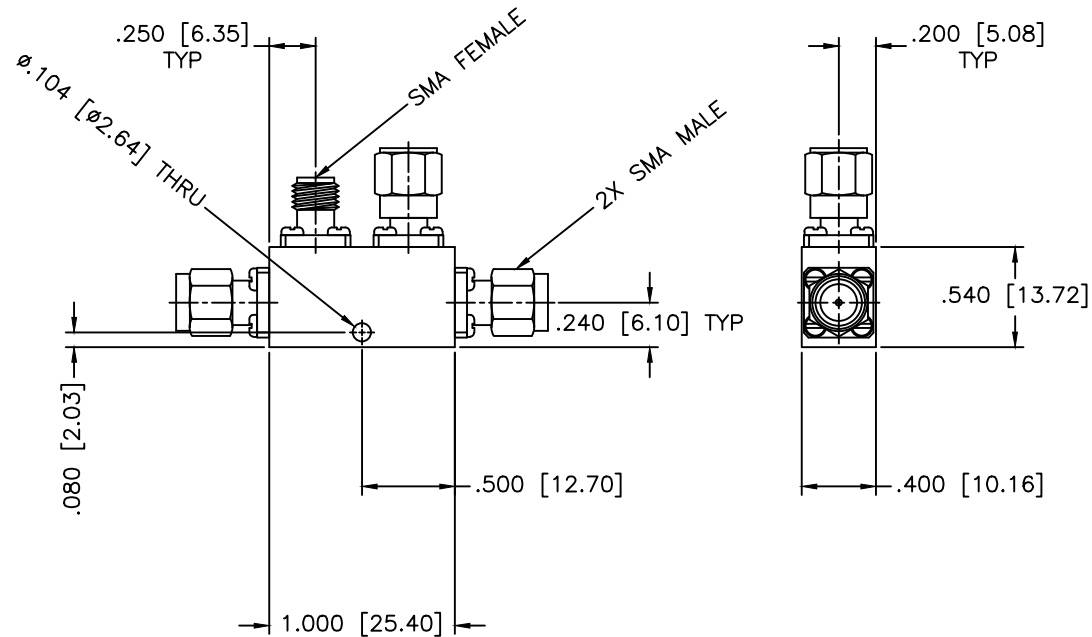
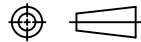


REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED



SPECIFICATIONS

Frequency Range: 7–12.4 GHz
Coupling: 10 ± 1.25 dB
Frequency Sensitivity: ± 0.5 dB
Insertion Loss: 1.0 dB Max.
Directivity: 17 dB Min.
VSWR: 1.40:1 Max.
Power Incident, Reflected: 50W, 5W, 3kW Peak
Operating Temperature: -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		
		SHEET: N/A				
UNLESS OTHERWISE SPECIFIED: TOLERANCES IN (INCHES) OR [mm] (MILLIMETERS) FRACTIONS: $\pm 1/64$ DECIMALS: $\pm .02 \pm .008$ ANGLE: $\pm 1/2^{\circ}$		DRAWING TITLE: DIRECTIONAL COUPLER				
		PART NO. C6-10/SMIO				
DRAWN: Paiboon Luekhamhan	DATE: 12-06-2019	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: OD2L5	SIZE: A	REV: N/A	DWG NO. 86823
APPROVED: T. Nguyen	DATE: 12-06-2019	THIRD ANGLE PROJECTION 	DO NOT SCALE THE DRAWING			