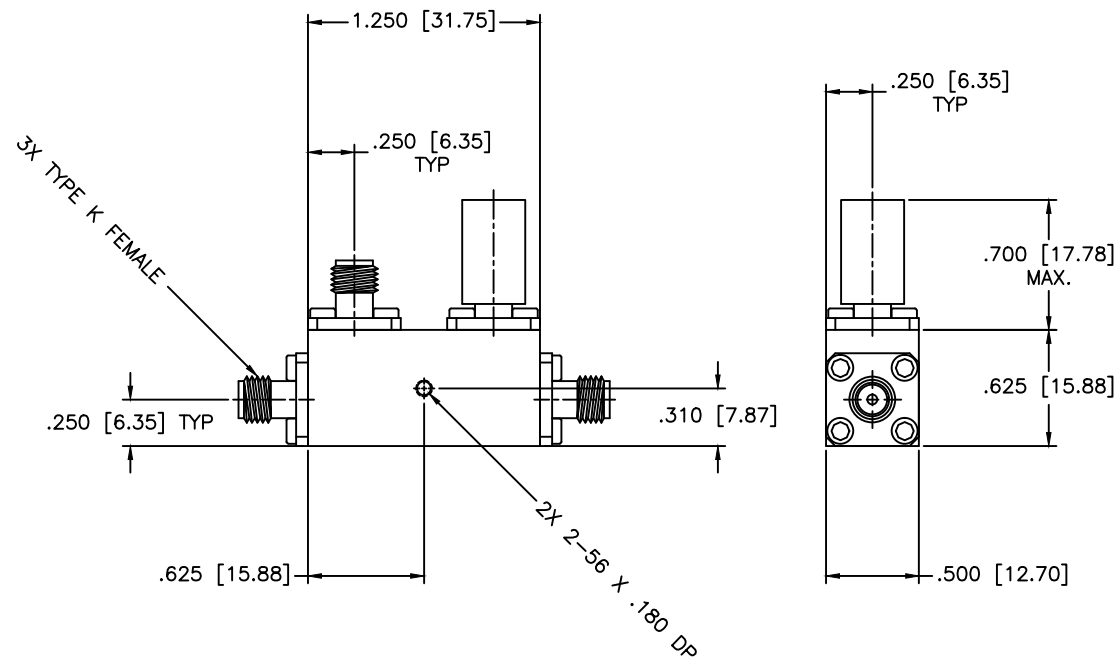


REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED



SPECIFICATIONS

Frequency Range: 18–40 GHz
 VSWR: 1.70:1 Max.
 Coupling: 30 ± 1.0 dB
 Insertion Loss: 1.0 dB Max.
 Directivity: 12 dB Min.
 Frequency Sensitivity: ± 0.7 dB
 Power Rating: 16W Avg, 3kW Peak
 Operating Temperature: -32°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: $\pm 0.01 \pm 0.005$ ANGLE: $\pm 1/2^{\circ}$		DRAWING TITLE: DIRECTIONAL COUPLER	
		PART NO. CB49-30	
DRAWN: Paiboon Luekhamhan	DATE: 04-13-2011	CAGE CODE: OD2L5	SIZE: A DO NOT SCALE THE DRAWING
APPROVED: T. Nguyen	DATE: 04-13-2011	REV: N/A	DWG NO. 85618