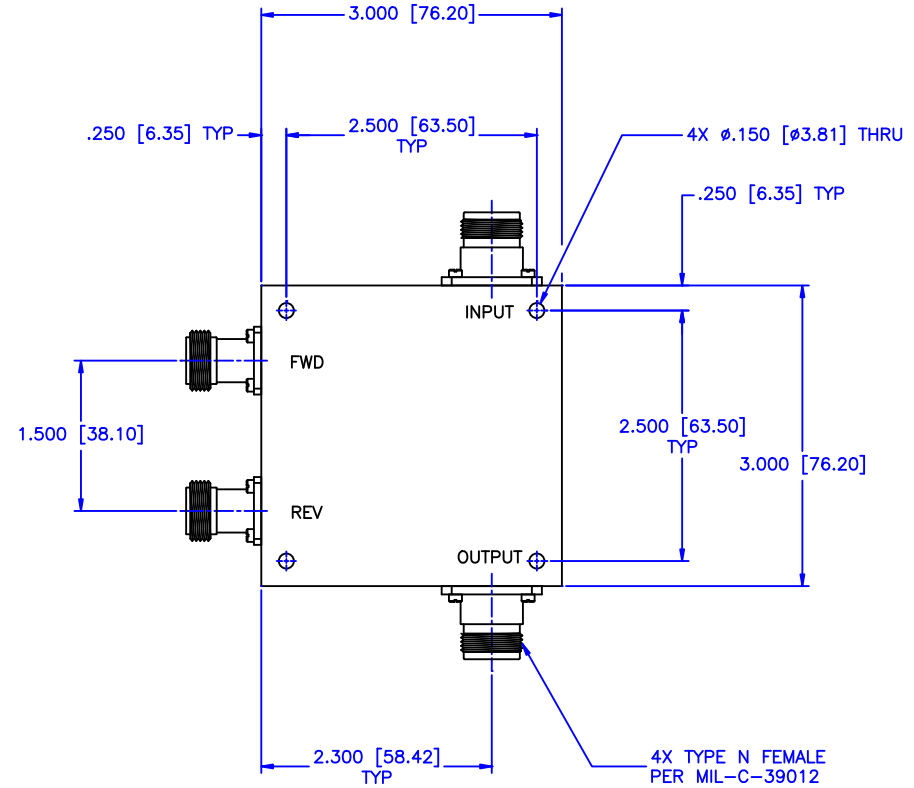
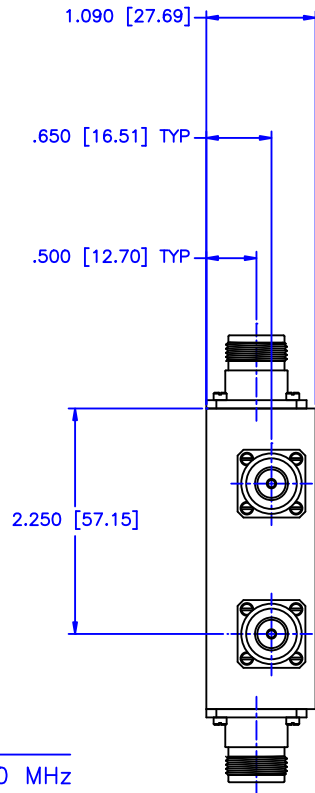
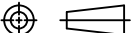


REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED



ELECTRICAL SPECIFICATIONS:

FREQUENCY RANGE:	200 to 800 MHz
POWER:	1000W CW (10kW PEAK) 25° C
FLATNESS:	50±0.5 dB Max. (FWD) 200–800MHz 50±0.15 dB Max. (FWD) 240–225MHz 40±0.5 dB Max. (FWD) 200–800MHz 40±0.15 dB Max. (FWD) 240–225MHz
INSERTION LOSS:	0.25 dB Max. 200–800MHz 0.10 dB Max. 240–255MHz
VSWR (M):	1.20 Max. Mainline 1.50:1 Coupled Ports
DIRECTIVITY:	20 dB Min. 200–800MHz 25 dB Min. 240–255MHz
TEMPERATURE RANGE:	0°C to 40°C
HUMIDITY:	90% NONE–CONDENSING

MATERIAL:		<div>MCLI</div> <div>MICROWAVE COMMUNICATIONS LABORATORIES INC. 7255 30TH AVE. N. SAINT PETERSBURG, FL 33710 TEL: (727) 344-6254 FAX: (727) 381-6116 http://WWW.MCLI.COM</div>		SCALE: N/A	
				SHEET: N/A	
<div></div>		UNLESS OTHERWISE SPECIFIED: TOLERANCES IN (INCHES) OR (mm) (MILLIMETERS) FRACTIONS: ± 1/64 DECIMALS: ±.01 ±.005 ANGLE: ±1/2°		DRAWING TITLE: HIGH POWER DUAL DIRECTIONAL COUPLER	
				PART NO. HDL-29-50SP	
		DRAWN: Paiboon Luekhamhan DATE: 11-08-2006		CAGE CODE: OD2L5 SIZE: C REV: N/A DWG NO. 82699	
		APPROVED: T. Nguyen DATE: 11-08-2006			
		PROPRIETARY NOTICE: THE INFORMATION IN THIS DRAWING IS PROPRIETARY AND SHALL NOT BE USED OR REPRODUCED WITHOUT WRITTEN PERMISSION FROM MICROWAVE COMMUNICATIONS LABORATORIES INC. (MCLI)			
		THIRD ANGLE PROJECTION 		DO NOT SCALE THE DRAWING	