



REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED

SPECIFICATIONS

FREQUENCY RANGE: 7.1–7.8 GHz
 EIA DESIGN (1-2): WR112
 VSWR: 1.15:1 Max.
 INSERTION LOSS: 0.20dB Max.
 ISOLATION: 23dB Max.
 AVERAGE POWER: 10W, 500W Peak
 OPERATING TEMPERATURE: -30°C to +70°C

MATERIAL:	
DRAWN: Paiboon Luekhamhan	DATE: 02-16-2011
APPROVED: T. Nguyen	DATE: 02-16-2011

	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
	UNLESS OTHERWISE SPECIFIED: TOLERANCES IN (INCHES) OR (mm) (MILLIMETERS) FRACTIONS: ± 1/64 DECIMALS: ±.01 ±.005 ANGLE: ±1/2°		SHEET: N/A
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)		DRAWING TITLE: WR112 WAVEGUIDE ISOLATOR	
PART NO. ISW-1		CAGE CODE: OD2L5	
THIRD ANGLE PROJECTION 		SIZE: A DO NOT SCALE THE DRAWING	REV: N/A DWG NO. 85531