



REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED

**SPECIFICATIONS**

FREQUENCY RANGE: 14.0–14.5 GHz  
 EIA DESIGN (1–2): WR75  
 VSWR: 1.15:1 Max.  
 INSERTION LOSS: 0.20dB Max.  
 ISOLATION: 25dB Min.  
 POWER FORWARD: 120W  
 POWER REVERSE: 50W  
 OPERATING TEMPERATURE: –30°C to +70°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
ALUMINUM BODY			SHEET:	N/A
DRAWN:		UNLESS OTHERWISE SPECIFIED: TOLERANCES IN (INCHES) OR [mm] (MILLIMETERS) FRACTIONS: ± 1/64 DECIMALS: ±.01 ±.005 ANGLE: ±1/2°	DRAWING TITLE:	
DATE:			WR75 WAVEGUIDE ISOLATOR	
APPROVED:		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)	PART NO.	
DATE:			ISW-28	
T. Nguyen		THIRD ANGLE PROJECTION	GAGE CODE:	SIZE:
09-28-2011			OD2L5	A
				N/A
			DWG NO.	
			85897	
			DO NOT SCALE THE DRAWING	