



REVISIONS				
ZONE	REV	DESCRIPTION	Date	APPROVED

Frequency Range: 1-2 GHz				
Operating Temperature (°C)	Insertion Loss (dB) Max.	Isolation (dB) Min.	VSWR Max.	
Low Power	+25±5	0.45	20	1.22
High Power	0 to +60	0.60	17	1.35

Forward Power: 125W CW  
 Reverse Power: 125W CW  
 Test Power: 125W at 1.2GHz  
 Phase matching: ±5° at 1.2GHz

Note: Termination must be mounted to a heat sink of sufficient thermal dissipation to a Max. Temperature +85°C & forced air cooling

MATERIAL:	
DRAWN: Paiboon L.	DATE: 06-08-2026
APPROVED: T. Nguyen	DATE: 06-08-2026

	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: ±.019 ANGLE: ±1/2°		SHEET: N/A
DRAWING TITLE: COAXIAL ISOLATOR			
PART NO. IS-3-125			
CAGE CODE: OD2L5	SIZE: A	REV: N/A	DWG NO. 87425
DO NOT SCALE THE DRAWING			