



REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED

1	2	EA	STRIKE	ALUMINUM 6061					
FIND/REF.#	QTY.	U.M.	PART NAME	MATERIAL	PART DESCRIPTION	REF. SHEET/DWG.			
PARTS LIST									
UNLESS OTHERWISE SPECIFIED:				PERMISSIBLE VARIATION IN INCH DIMENSIONS WITHOUT TOLERANCES					
1. DIMENSIONS ARE IN INCHES. 2. MACHINE SURFACES TO BE FLAT, SQUARE, PARALLEL & CONCENTRIC WITHIN .001 FOR 5 INCHES OR .001 TIR AS APPLICABLE. 3. MARK ALL DETAILS (EXEMPT COMMERCIAL PARTS) WITH DWG. & ITEM NUMBER. 4. BREAK ALL SHARP CORNERS .01 x 45° CHAMFER. 5. FILLETS SHOWN SHARP = .04 RAD. 6. TAPPED HOLES: UNIFIED CLASS 2B THREAD, MIN DEPTH 1.5 x DIA. 7. C/SINK BORED & REAMED HOLES 1/16 x 45°. 8. CENTERS PERMISSIBLE. 9. DO NOT SCALE DRAWING. 10. ALL WELDING TO CONFORM TO LATEST A.W.S. STANDARDS				FABRICATION TOLERANCES		MACHINING TOLERANCES			
				BELOW 12 ±0.10		DECIMAL PLACES X & X.X		X.XX	X.XXX
				12 TO 60 ±0.13		BELOW 18 ±0.015		±0.010	±0.005
				60 TO 180 ±0.20		18 TO 48 ±0.030		±0.020	±0.010
				OVER 180 ±0.30		OVER 48 ±0.045		±0.030	±0.015
				ANGLE TOLERANCE ±0.5°		ANGLE TOLERANCE ±0.1°			
				SURFACE TEXTURE 125					
				TOLERANCES ARE NOT ACCUMULATIVE					
NEXT ASSY	QTY	DRAWING INFORMATION				SIZE D	SCALE 1:4		
		NAME	DATE	Open Source Instruments Inc.		PROJECT NUMBER			
DRAWN	AD	KH	02.28.23			109			
CHECKED	KH					DRAWING NUMBER			
		APPROVED	KH		TITLE	109.00.00.03			
		OSI		FARADAY ENCLOSURE, FE3B		SHEET			
				DOOR		1 OF 1			
				STRIKE		REVISION			
						B			