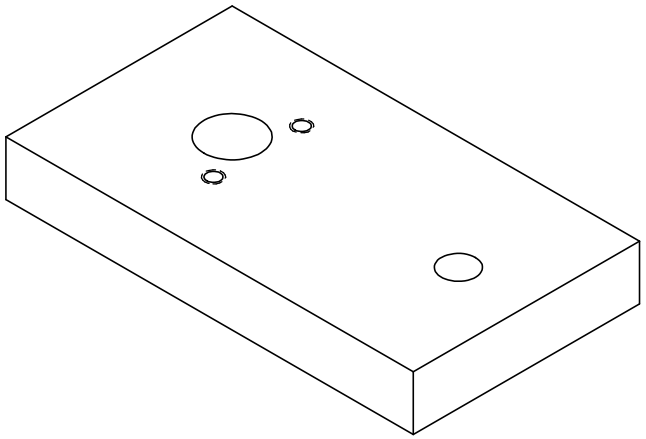
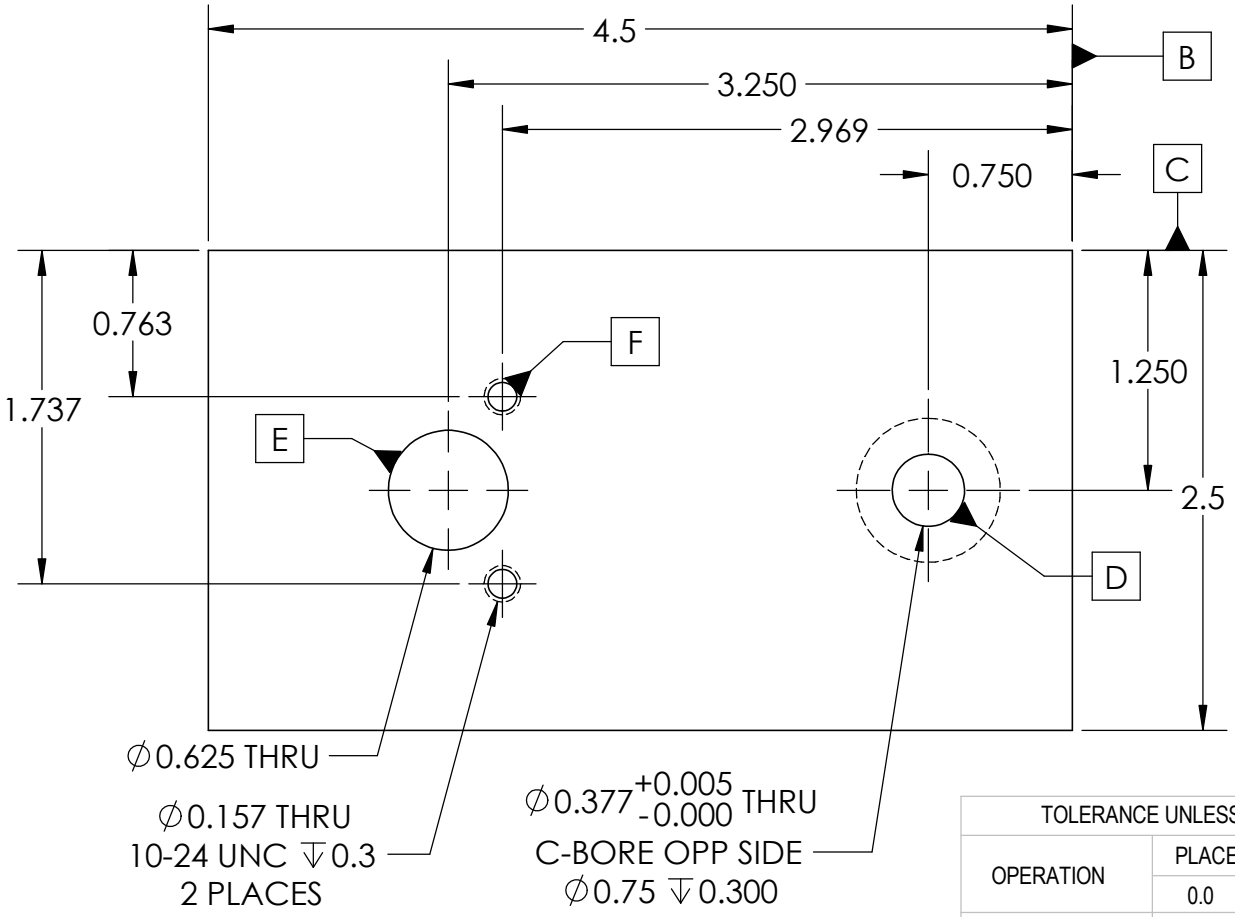






NOTES:
1. QTY: 1
2. MATL: ALUMINUM 6061-T6
3. FINISH NOTED SURFACES
4. BREAK ALL EDGE
5. DIMS IN INCHES

TOLERANCE UNLESS NOTED				TITLE: EML2322L - P1 (Base)		
OPERATION	PLACES IN DIMENSION					
	0.0	0.00	0.000	DRAWN	Garrett Wallacer	
MACHINING	±0.050	±0.020	±0.005	CHECKED	Sean R. Niemi	
CUT OFF (SAW, BURN, SHEAR)	±0.1	±0.060		SIZE	DWG. NO.	REV
WELDING	±0.1	±0.060		A	EML2322L-P1	B
ANGULAR DIMS	±5	±2	±0.5	SCALE: 1:2		SHEET 4 OF 4

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EML 2322L MANUFACTURING INSPECTION RECORD

Part Number	*Revision*	*Part Name*	*Team Number*	*Machinist:*
1	B	Piston Base	10	Garrett Wallace
				Inspector:
				Michael Madden

No.	Ref. Location	Feature Type	Measurement Tool/Type	Requirement	Lower Bound	Upper Bound	Units	Results	Comments
16	B	Hole location	Calipers	3.250	3.245	3.255	in		
17	C	Hole location	Calipers	1.250	1.245	1.255	in		
18	E	Hole diameter	Calipers	0.625	0.620	0.630	in		
19	B	Part length	Calipers	4.5	4.45	4.55	in		

RESULT:	PASS

Inspector Signature:		FAIL	☐ Remanufacture
Group Member 1:			☐ Rework
Group Member 2:			☐ Engineering Change
Group Member 3		TA Signature	
Group Member 4			

EML 2322L MANUFACTURING INSPECTION RECORD

Part Number	*Revision*	*Part Name*	*Team Number*	*Machinist:*
1	B	Piston Base	10	Garrett Wallace
				Inspector:
				Michael Madden

No.	Ref. Location	Feature Type	Measurement Tool/Type	Requirement	Lower Bound	Upper Bound	Units	Results	Comments
1	A	Part height	Calipers	0.600	0.595	0.605	in		
2	C	Part width	Calipers	2.5	2.45	2.55	in		
3	C	Hole location	Calipers	1.250	1.245	1.255	in		
4	B	Hole location	Calipers	0.750	0.745	0.755	in		
5	D	Hole diameter	Calipers	0.377	0.377	0.382	in		
6	D	Hole diameter	Calipers	0.75	0.73	0.77	in		
7	A	C-bore depth	Calipers	0.300	0.295	0.305	in		
8	B	Hole location	Calipers	2.969	2.964	2.974	in		
9	C	Hole location	Calipers	0.763	0.758	0.768	in		
10	F	Hole diameter	Calipers	0.157	0.152	0.162	in		
11	A	Hole depth	Calipers	0.3	0.25	0.35	in		
12	B	Hole location	Calipers	2.969	2.964	2.974	in		
13	C	Hole location	Calipers	1.737	1.732	1.742	in		
14	F	Hole diameter	Calipers	0.157	0.152	0.162	in		
15	A	Hole depth	Calipers	0.3	0.25	0.35	in		

RESULT:	PASS

Inspector Signature:		FAIL	☐ Remanufacture
Group Member 1:			☐ Rework
Group Member 2:			☐ Engineering Change
Group Member 3		TA Signature	
Group Member 4			