

4

3

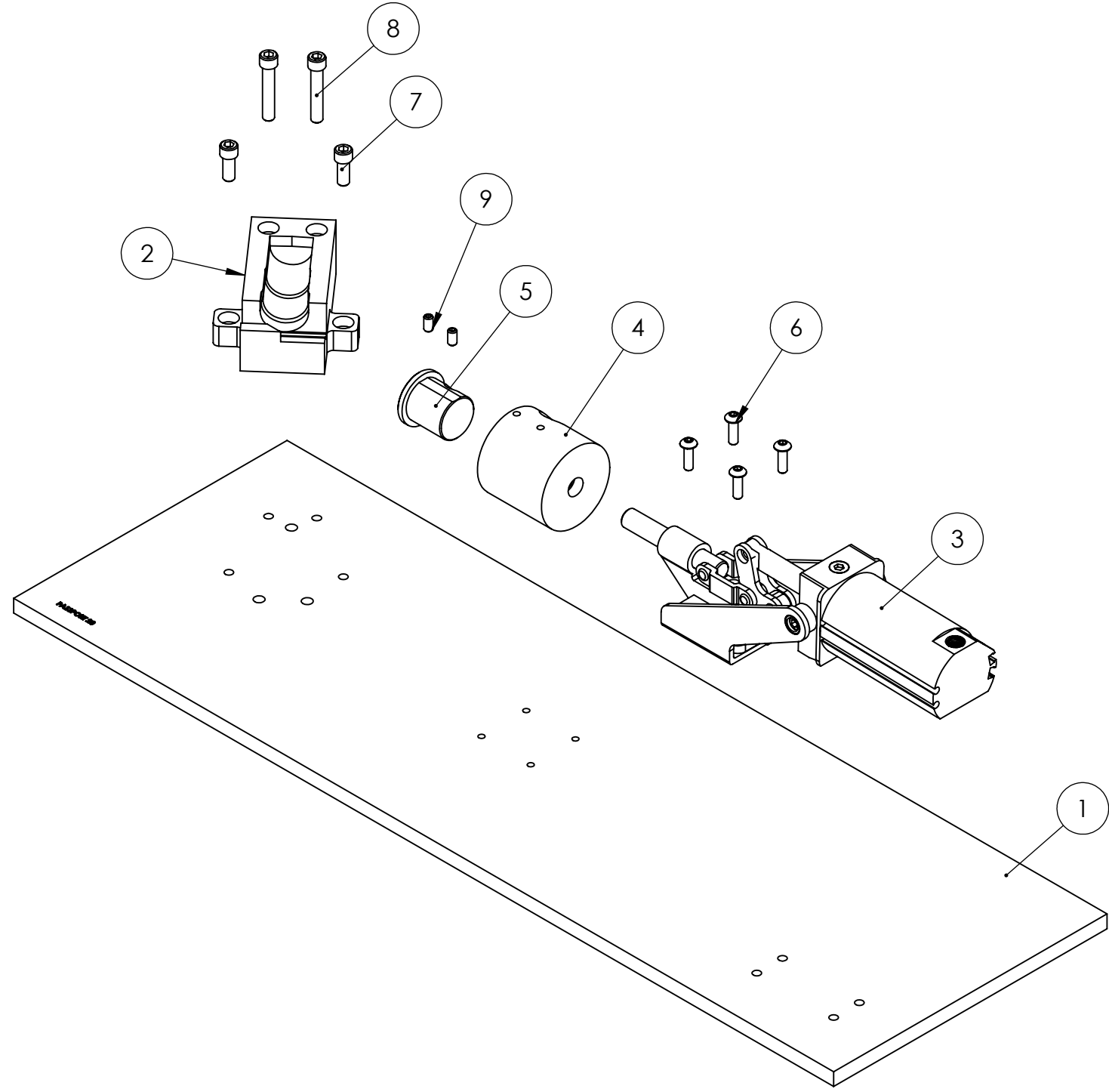
2

1

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	Fixture_Base_Plate_Pasport20		1
2	PASSPORT_20_YOKE_PLATE_2_ASM		1
3	5137A510_McMaster_Air_Cyl		1
4	Full_Depth_Alum_Cyl_1		1
5	Plastic_Insert_w_Step_Passport20		1
6	socket button head cap screw_ai_SBHCSCREW 0.19-24x0.625-HX-N		4
7	socket head cap screw_ai_HX-SHCS 0.25-20x0.625x0.625-N		2
8	socket head cap screw_ai_HX-SHCS 0.25-20x1.375x1.375-N		2
9	socket set screw cup point_ai_SSCUPSKT 0.19-24x0.375-HX-N		2

B

B



Revision	Author	Date
0	J. Reed	12/14/15

A

A

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DIMENSIONS ARE IN INCHES	DRAWN	J. Reed	12/8/15
TOLERANCES:	CHECKED		
FRACTIONAL ±	ENG APPR.		
ANGULAR: MACH ± BEND ±	MFG APPR.		
TWO PLACE DECIMAL ±	Q.A.		
THREE PLACE DECIMAL ±	COMMENTS:		
INTERPRET GEOMETRIC TOLERANCING PER:			
MATERIAL			
FINISH			
DO NOT SCALE DRAWING			

TITLE:		
Passport20 Fixture Assembly		
SIZE	DWG. NO.	REV
B	Passport20_Fixture_Assembly_Drawing	
SCALE: 1:5	WEIGHT:	SHEET 1 OF 4

4

3

2

1

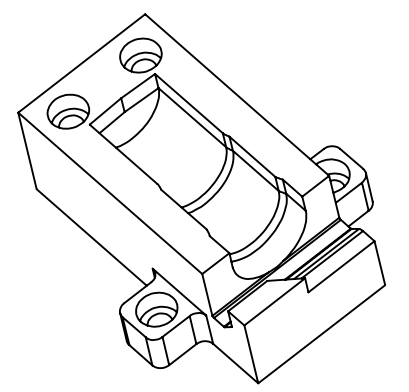
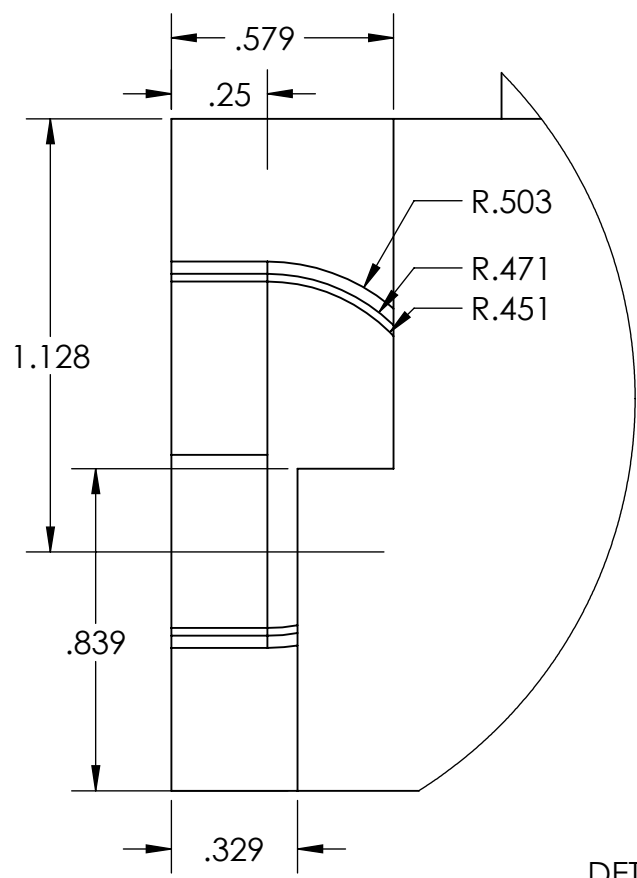
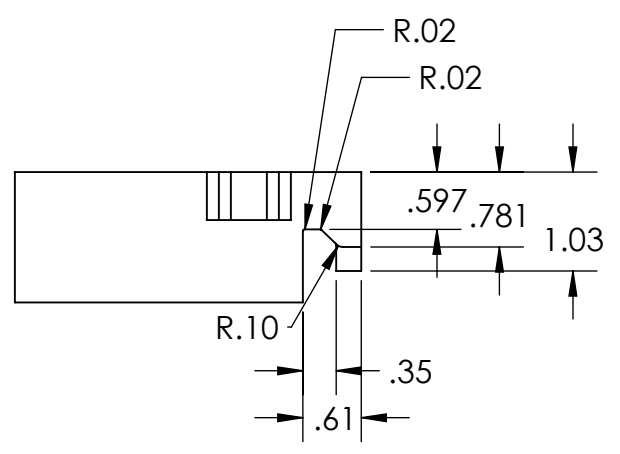
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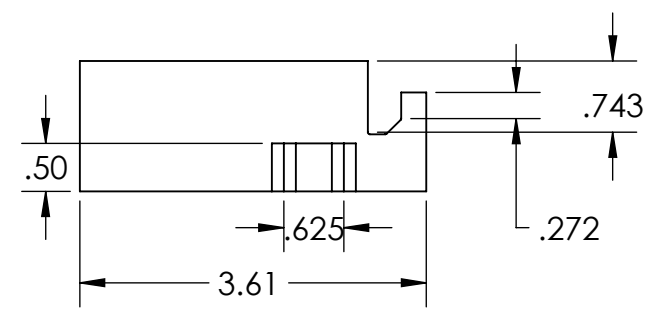
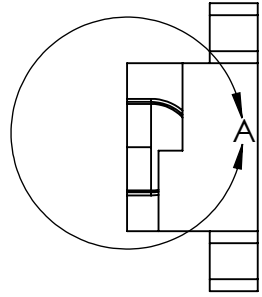
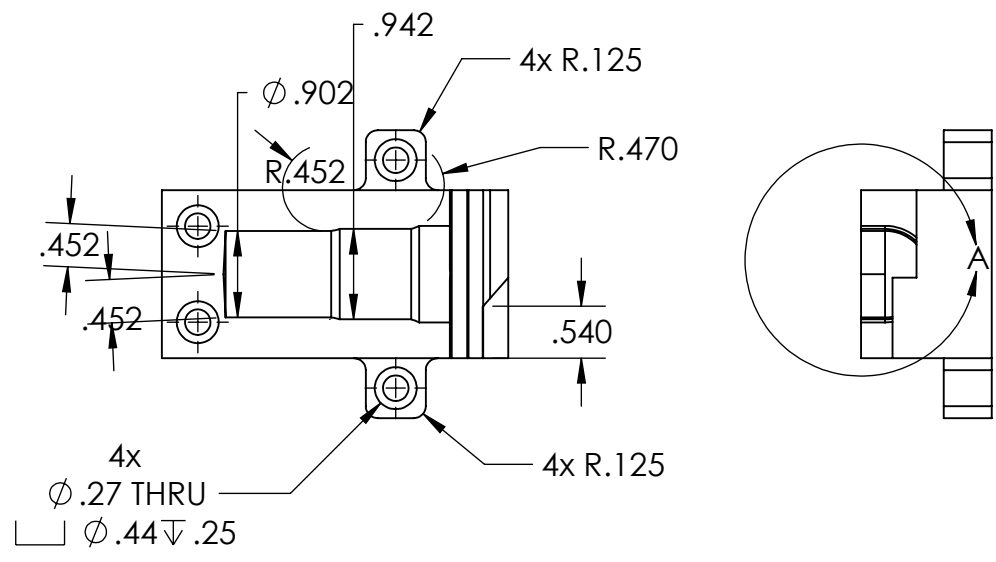
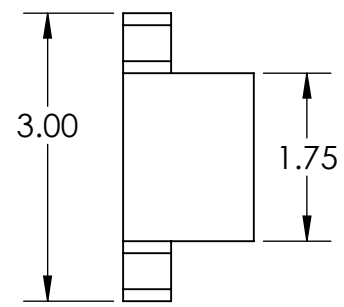
2

1

PASSPORT_20_YOKE_PLATE_2_ASM
 Matr'l: Aluminum
 Qty:1
 Scale: 1 to 2



DETAIL A
 SCALE 2 : 1



UNLESS OTHERWISE SPECIFIED:		NAME	DATE
DIMENSIONS ARE IN INCHES		DRAWN	J. Reed 12/8/15
TOLERANCES:		CHECKED	
FRACTIONAL: ± 1/16		ENG APPR.	
ANGULAR: MACH ± .5		MFG APPR.	
BEND ±		Q.A.	
TWO PLACE DECIMAL ± 0.01		COMMENTS:	
THREE PLACE DECIMAL ± 0.003			

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INTERPRET GEOMETRIC TOLERANCING PER:
MATERIAL
FINISH
DO NOT SCALE DRAWING

TITLE: Passport 20 Fixture		
SIZE B	DWG. NO. Passport20_Fixture_Assembly_Drawing	REV
SCALE: 1:5	WEIGHT:	SHEET 2 OF 4

4

3

2

1

B

B

A

A

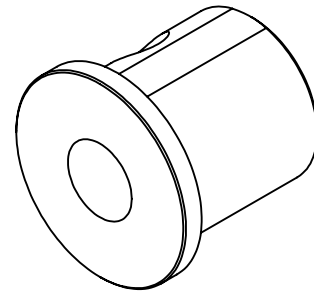
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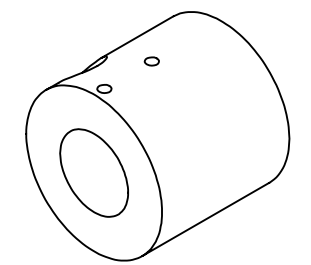
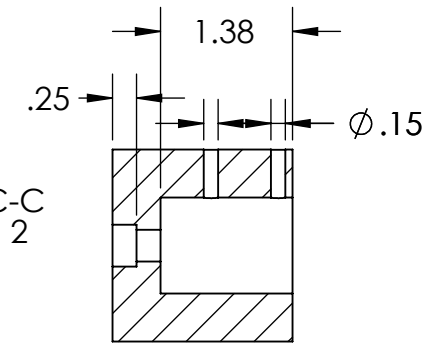
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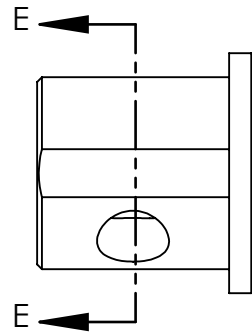
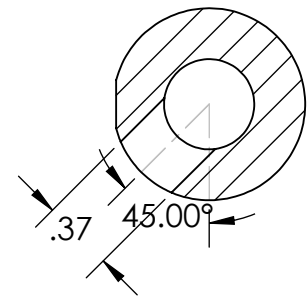
Plastic_Insert_w_Step
Matr'l: Delrin
Qty: 1
Scale: 1 to 1



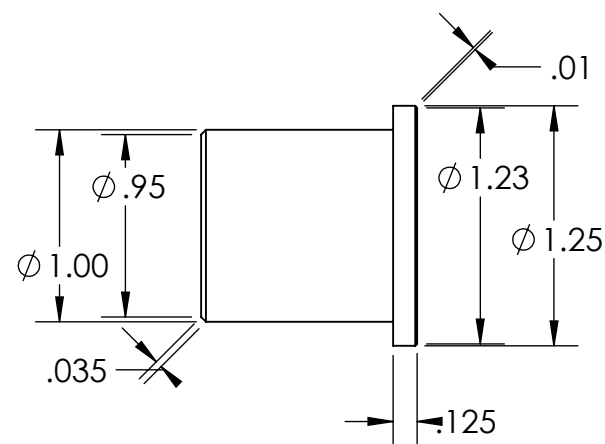
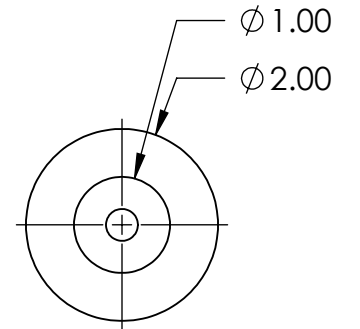
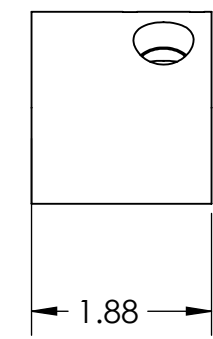
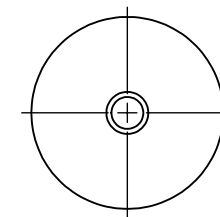
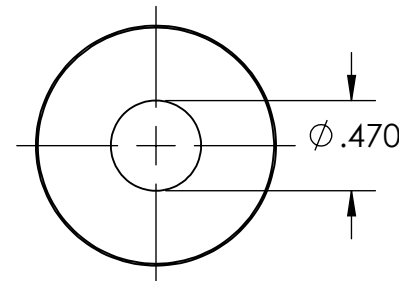
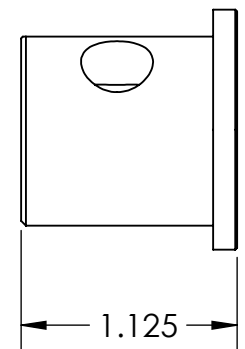
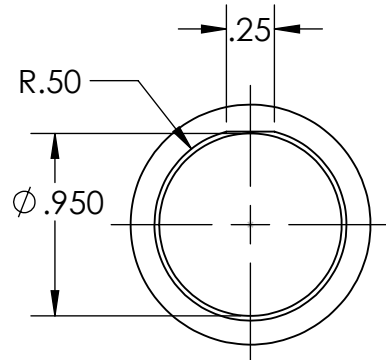
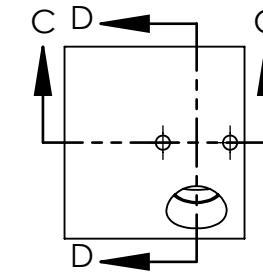
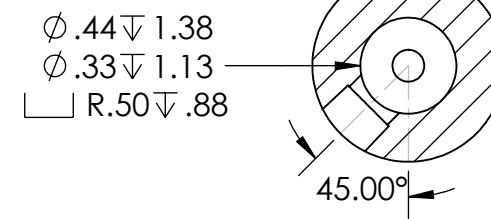
Full_Depth_Alum_Cyl_1
Matr'l: Aluminum
Qty: 1
Scale: 1 to 2



SECTION E-E
SCALE 1:1



SECTION D-D
SCALE 1:2



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TOLERANCES:		CHECKED	
FRACTIONAL ± 1/16		ENG APPR.	
ANGULAR: MACH ± 0.5 BEND ±		MFG APPR.	
TWO PLACE DECIMAL ±0.01		Q.A.	
THREE PLACE DECIMAL ±0.003		COMMENTS:	

TITLE:
**Aluminum Cylinder
and Plastic Insert**

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MATERIAL	
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SIZE B	DWG. NO. Passport20_Fixture_Assembly_Drawing	REV
SCALE: 1:5	WEIGHT:	SHEET 3 OF 4

4

3

2

1

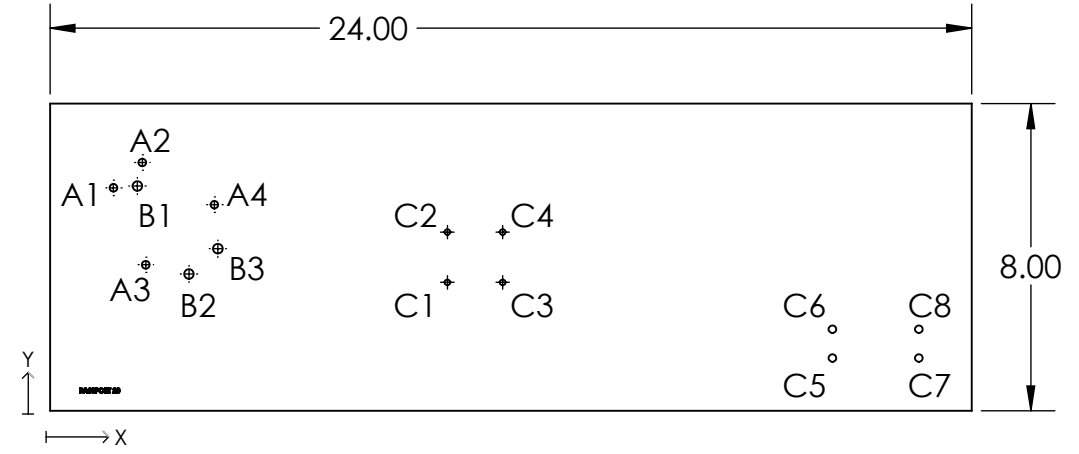
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B

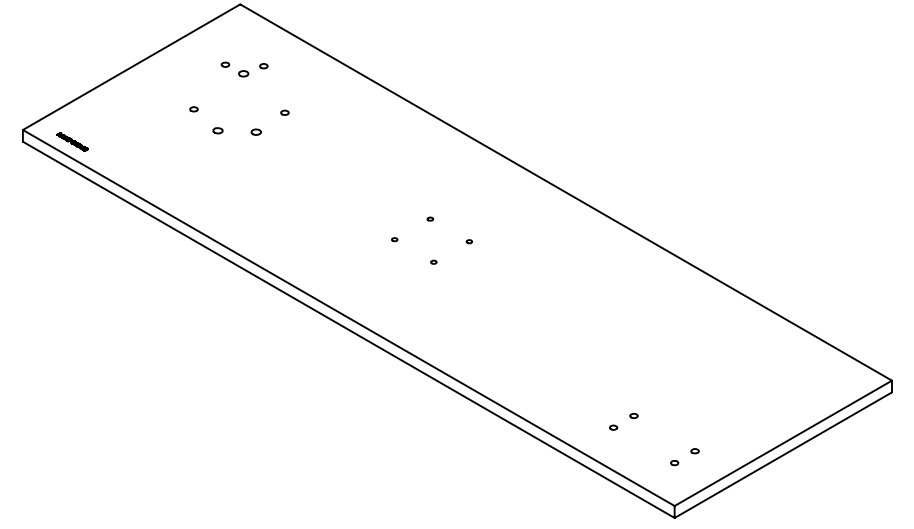
A

A

Fixture_Base_Plate_Passport20
 Matr'l: Aluminum
 Qty:1
 Scale: 1 to 5



.375
 Use 3/8" Plate



TAG	X LOC	Y LOC	SIZE
A1	1.650	5.808	Ø .20 THRU ALL
A2	2.402	6.467	Ø .20 THRU ALL
A3	2.492	3.804	Ø .20 THRU ALL
A4	4.279	5.369	Ø .20 THRU ALL
B1	2.273	5.856	Ø .250 THRU ALL
B2	3.617	3.563	Ø .250 THRU ALL
B3	4.369	4.222	Ø .250 THRU ALL
C1	10.346	3.345	Ø .150 THRU ALL □ Ø .38 ▽ .19
C2	10.346	4.655	Ø .150 THRU ALL □ Ø .38 ▽ .19
C3	11.786	3.345	Ø .150 THRU ALL □ Ø .38 ▽ .19
C4	11.786	4.655	Ø .150 THRU ALL □ Ø .38 ▽ .19
C5	20.375	1.375	Ø .20 THRU ALL □ Ø .38 ▽ .19
C6	20.375	2.125	Ø .20 THRU ALL □ Ø .38 ▽ .19
C7	22.625	1.375	Ø .20 THRU ALL □ Ø .38 ▽ .19
C8	22.625	2.125	Ø .20 THRU ALL □ Ø .38 ▽ .19

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ANGULAR: MAC H ± .05	MFG APPR.	
BEND ±	Q.A.	
TWO PLACE DECIMAL ± .01	COMMENTS:	
THREE PLACE DECIMAL ± .005		
INTERPRET GEOMETRIC TOLERANCING PER:		
MATERIAL		
FINISH		
DO NOT SCALE DRAWING		

TITLE: Passport 20 Fixture Base Plate		
SIZE B	DWG. NO. Passport20_Fixture_Assembly_Drawing	REV
SCALE: 1:5	WEIGHT:	SHEET 4 OF 4