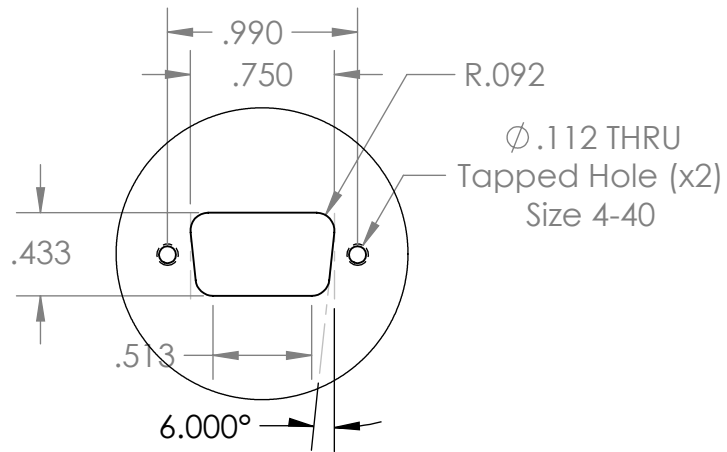
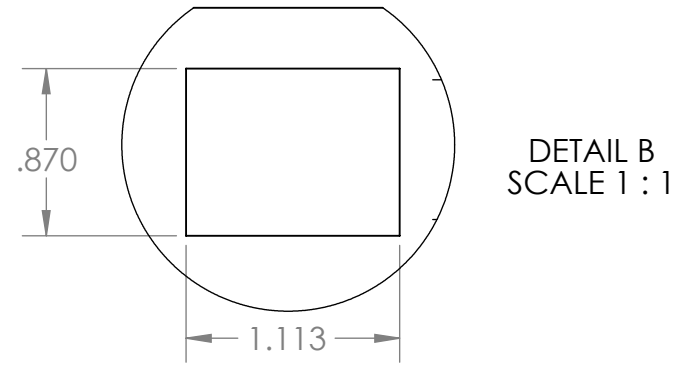
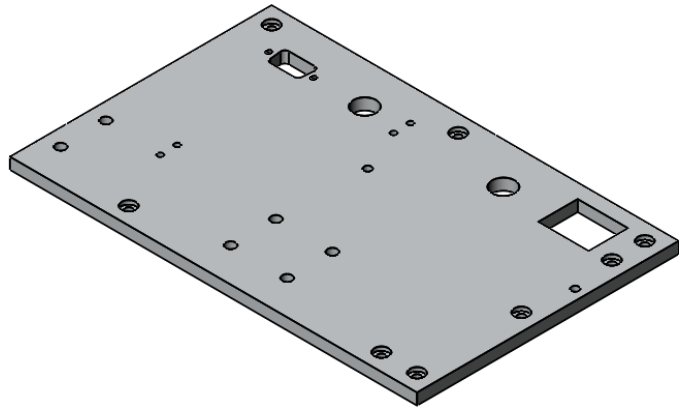
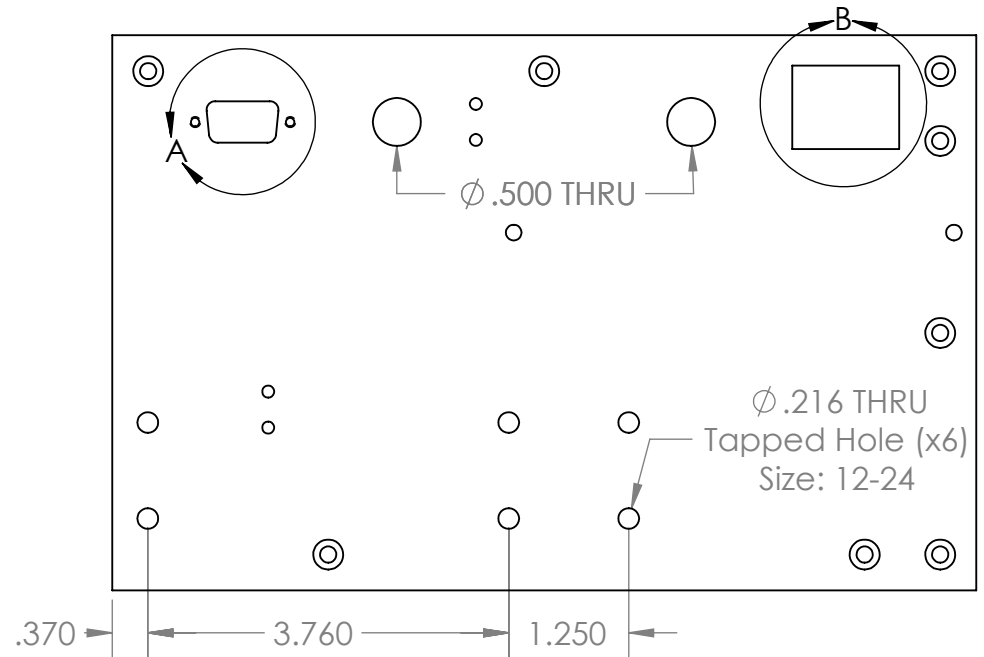


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		UNLESS OTHERWISE SPECIFIED:	NAME	DATE	K-State		
		DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± ANGULAR: MACH ± BEND ± TWO PLACE DECIMAL ± THREE PLACE DECIMAL ±	DRAWN			TITLE:	
		INTERPRET GEOMETRIC TOLERANCING PER:	CHECKED		Motorlab		
		MATERIAL	ENG APPR.				
		FINISH	MFG APPR.		SIZE	DWG. NO.	REV
NEXT ASSY	USED ON		Q.A.		A		
			COMMENTS:			SCALE: 1:5	WEIGHT:
	APPLICATION	DO NOT SCALE DRAWING					



DETAIL A
SCALE 1 : 1



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		DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± ANGULAR: MACH ± BEND ± TWO PLACE DECIMAL ± THREE PLACE DECIMAL ±		NAME	DATE	K-State	
				DRAWN		TITLE:	
				CHECKED		Front Plate	
				ENG APPR.			
				MFG APPR.			
				Q.A.			
				COMMENTS:		SIZE	DWG. NO.
NEXT ASSY	USED ON	MATERIAL	1060 Aluminum Alloy	L Supports Hole Dimensions		A	REV
APPLICATION		FINISH	DO NOT SCALE DRAWING				SCALE: 1:4

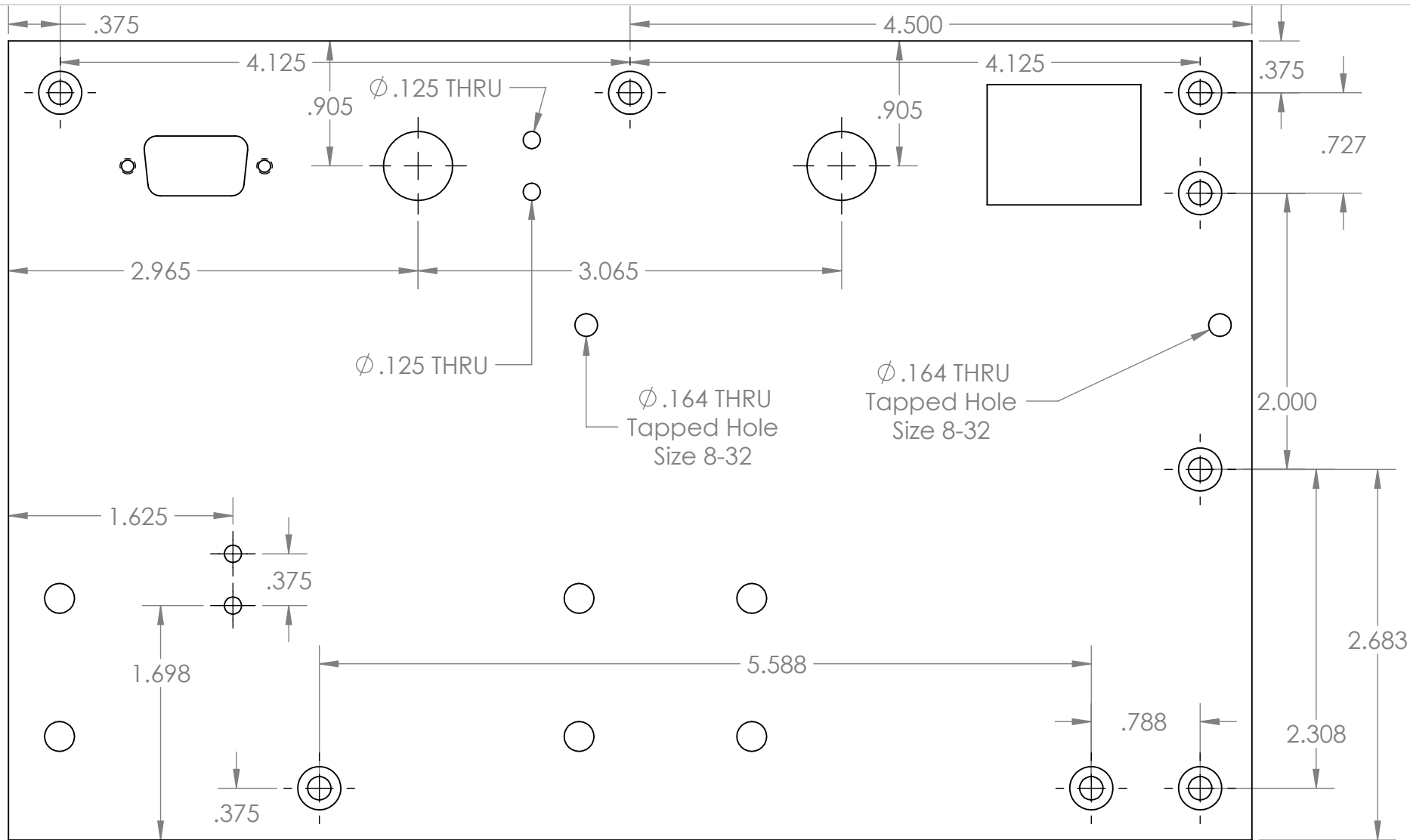
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4

3

2

1



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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE
		DIMENSIONS ARE IN INCHES	DRAWN		
		TOLERANCES:	CHECKED		
		FRACTIONAL ±	ENG APPR.		
		ANGULAR: MACH ± BEND ±	MFG APPR.		
		TWO PLACE DECIMAL ±	Q.A.		
		THREE PLACE DECIMAL ±	COMMENTS:		
		INTERPRET GEOMETRIC TOLERANCING PER:			
		MATERIAL			
		1060 Aluminum Alloy			
		FINISH			
NEXT ASSY	USED ON				
APPLICATION		DO NOT SCALE DRAWING			

K-State		
TITLE:		
Front Plate		
SIZE	DWG. NO.	REV
A		
SCALE: 1:4	WEIGHT:	SHEET 4 OF 19

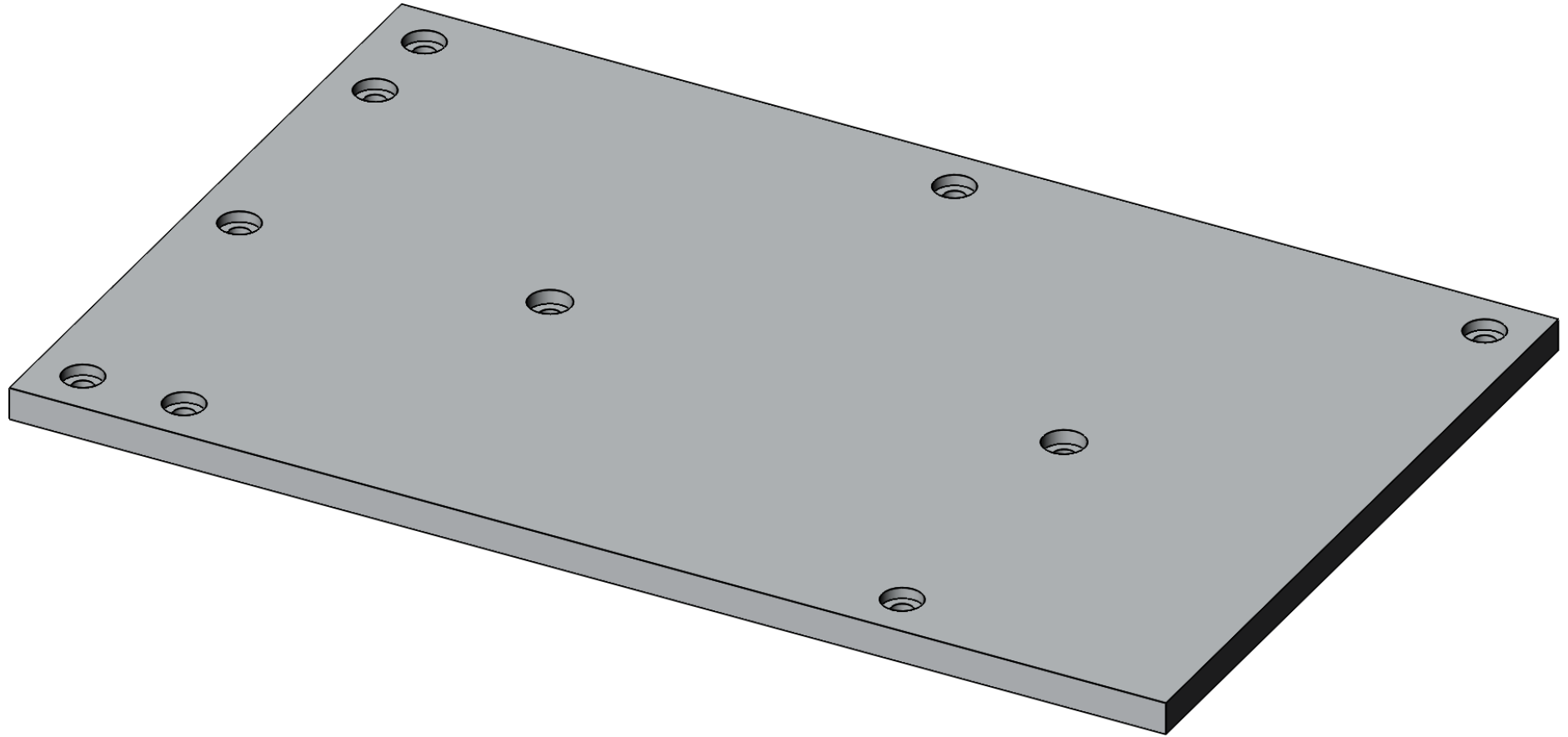
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4

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2

1



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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE		
		DIMENSIONS ARE IN INCHES				TITLE:	
		TOLERANCES:				Back Plate	
		FRACTIONAL ±		DRAWN			
		ANGULAR: MACH ± BEND ±		CHECKED			
		TWO PLACE DECIMAL ±		ENG APPR.			
		THREE PLACE DECIMAL ±		MFG APPR.			
		INTERPRET GEOMETRIC TOLERANCING PER:		Q.A.		SIZE	DWG. NO.
		MATERIAL		COMMENTS:		A	
		1060 Aluminum Alloy					REV
		FINISH				SCALE: 1:5	WEIGHT:
NEXT ASSY	USED ON						SHEET 5 OF 19
APPLICATION		DO NOT SCALE DRAWING					

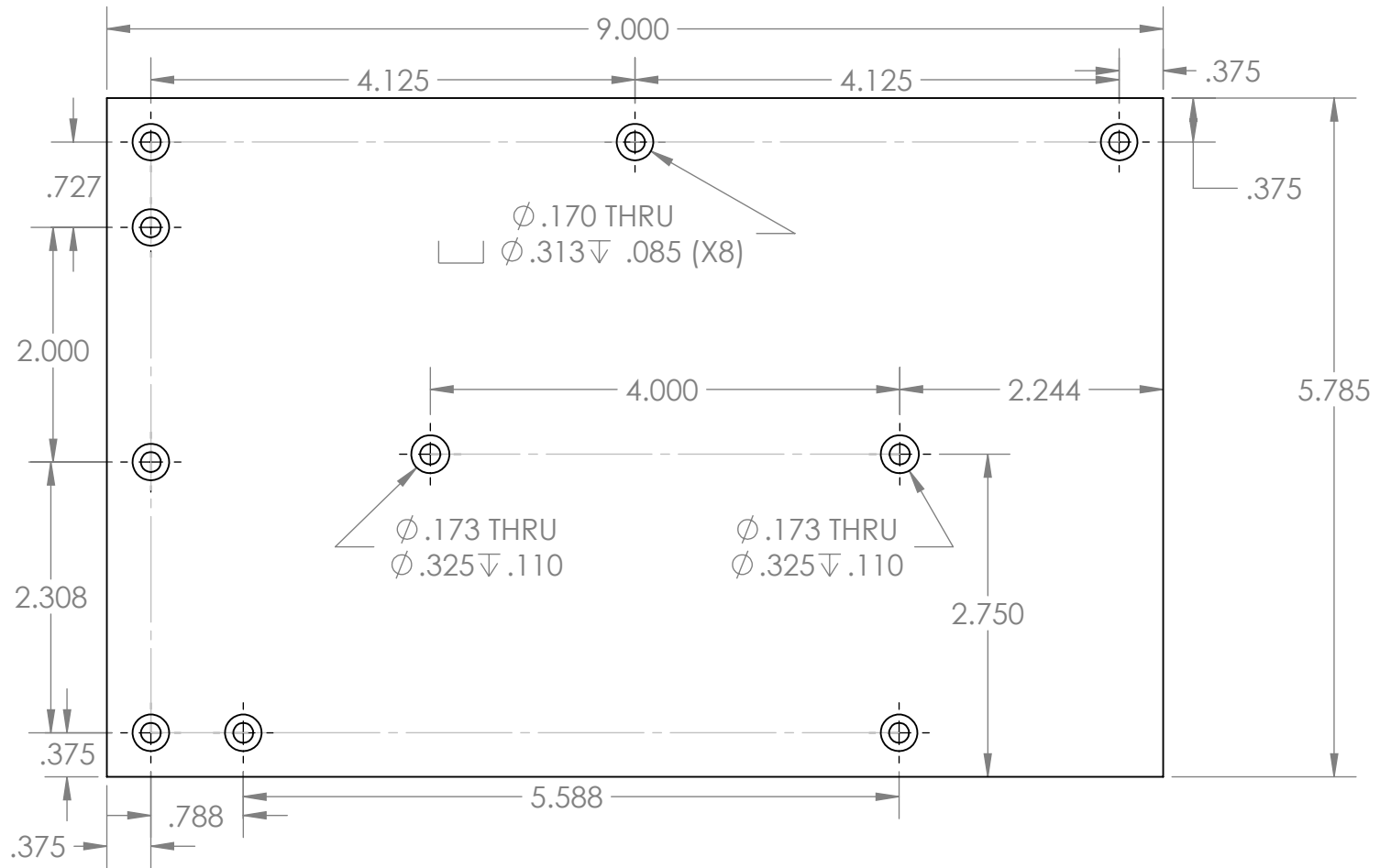
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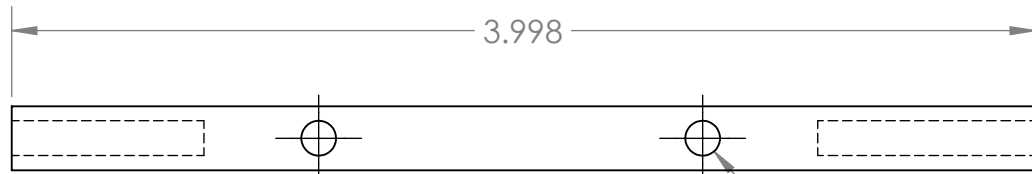
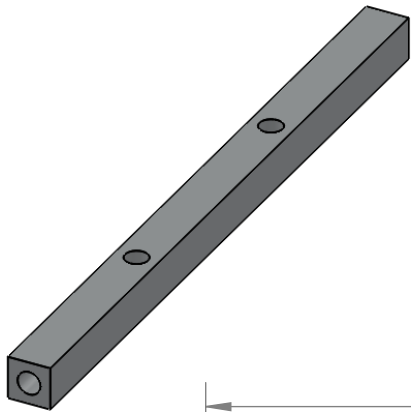
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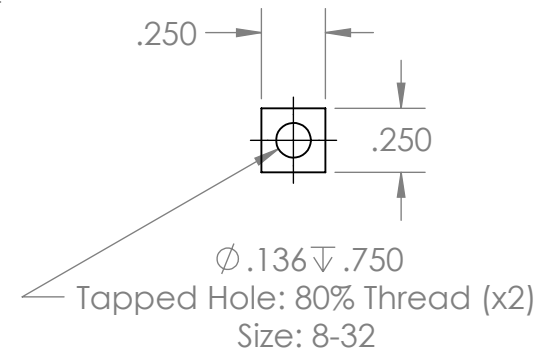
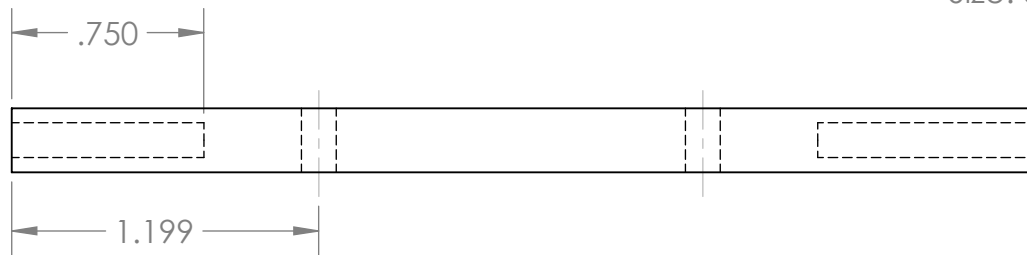


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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	TITLE: Back Plate		
		DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± ANGULAR: MACH ± BEND ± TWO PLACE DECIMAL ± THREE PLACE DECIMAL ±	DRAWN					
		INTERPRET GEOMETRIC TOLERANCING PER:		CHECKED		A		
		MATERIAL 1060 Aluminum Alloy		ENG APPR.			SCALE: 1:5	WEIGHT:
NEXT ASSY	USED ON	FINISH	COMMENTS: Other Hole Positions					
APPLICATION		DO NOT SCALE DRAWING						

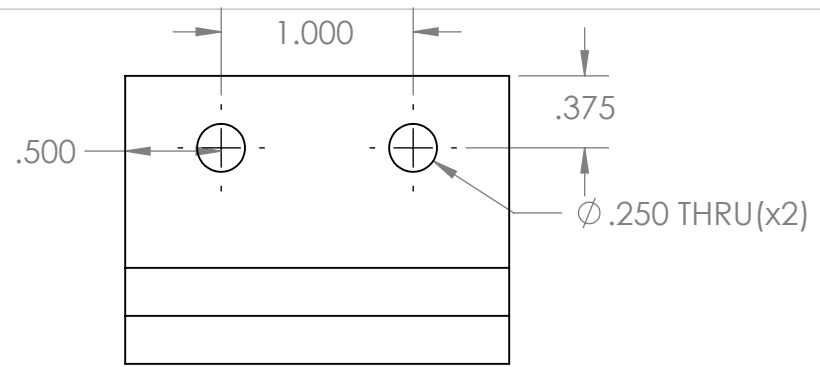
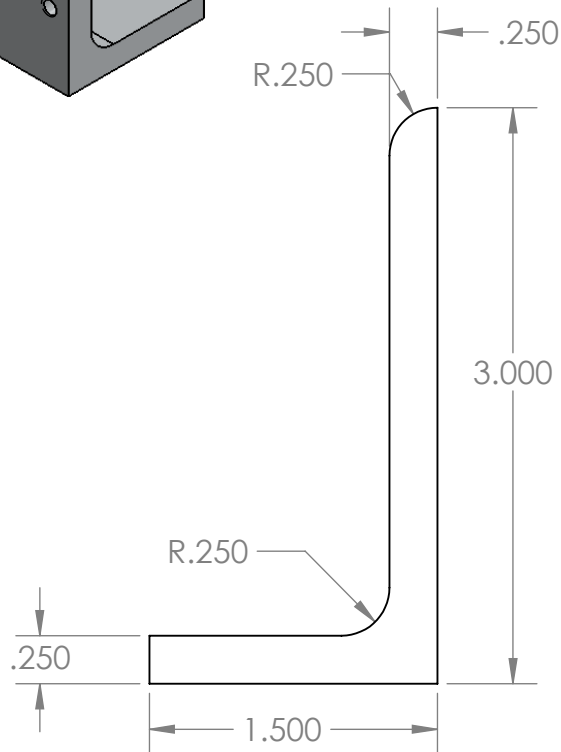
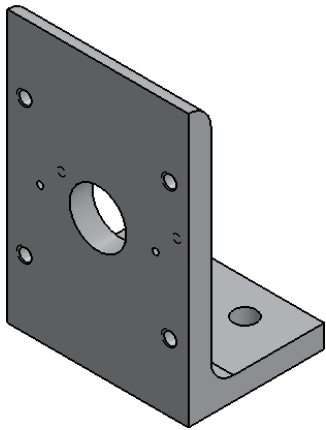


$\phi .136$ THRU
 Tapped Hole (x2)
 Size: 8-32

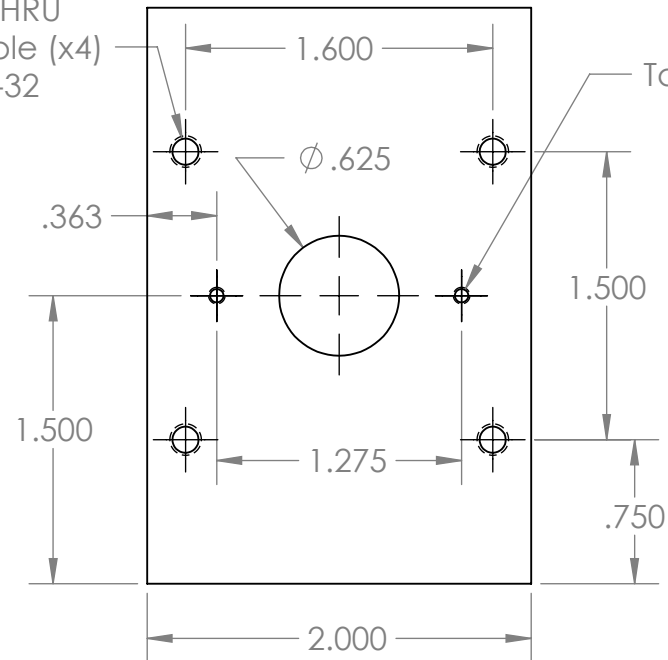


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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	K-State	
		DIMENSIONS ARE IN INCHES		DRAWN		TITLE:	
		TOLERANCES:		CHECKED		Rib	
		FRACTIONAL \pm		ENG APPR.			
		ANGULAR: MACH \pm BEND \pm		MFG APPR.		SIZE DWG. NO. REV	
		TWO PLACE DECIMAL \pm		Q.A.		A	
		THREE PLACE DECIMAL \pm		COMMENTS:		SCALE: 1:1 WEIGHT: SHEET 7 OF 19	
		INTERPRET GEOMETRIC TOLERANCING PER:					
NEXT ASSY		USED ON					
APPLICATION		DO NOT SCALE DRAWING					



Ø.136 THRU
Tapped Hole (x4)
Size: 8-32



Ø.086 THRU
Tapped Hole (x2)
Size: 2-56

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		UNLESS OTHERWISE SPECIFIED:	NAME	DATE
		DIMENSIONS ARE IN INCHES	DRAWN	
		TOLERANCES:	CHECKED	
		FRACTIONAL ±	ENG APPR.	
		ANGULAR: MACH ± BEND ±	MFG APPR.	
		TWO PLACE DECIMAL ±	Q.A.	
		THREE PLACE DECIMAL ±	COMMENTS:	
		INTERPRET GEOMETRIC TOLERANCING PER:		
		MATERIAL		
		1060 Aluminum Alloy		
		FINISH		
NEXT ASSY	USED ON			
APPLICATION		DO NOT SCALE DRAWING		

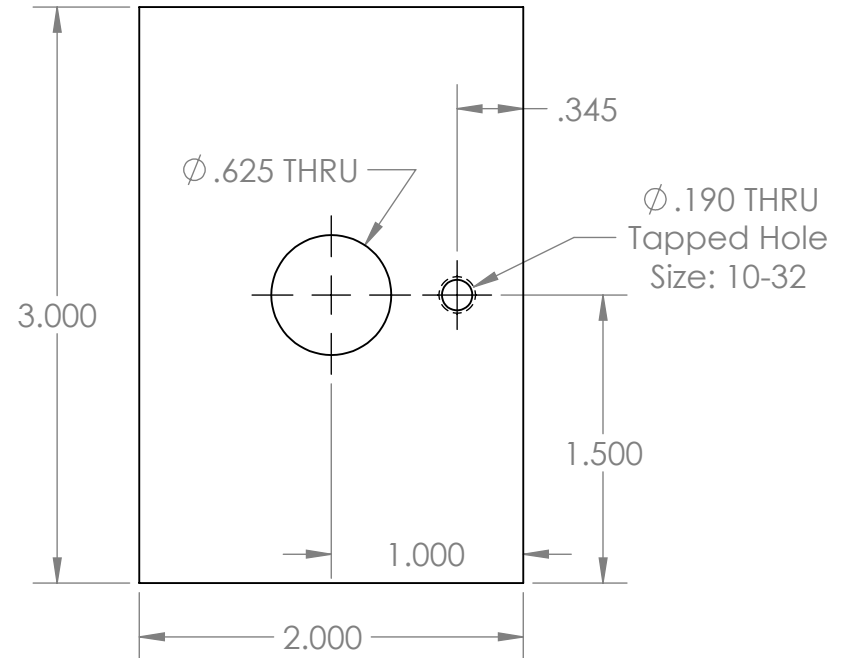
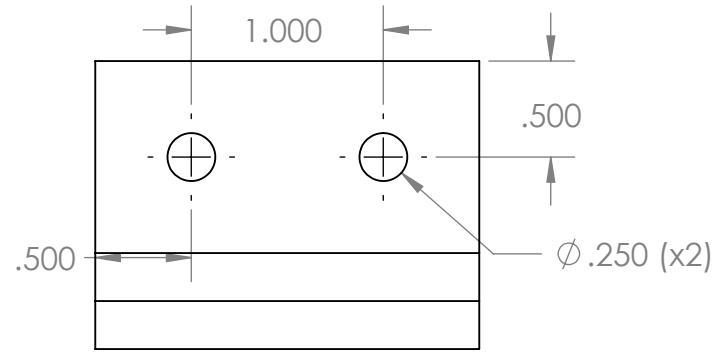
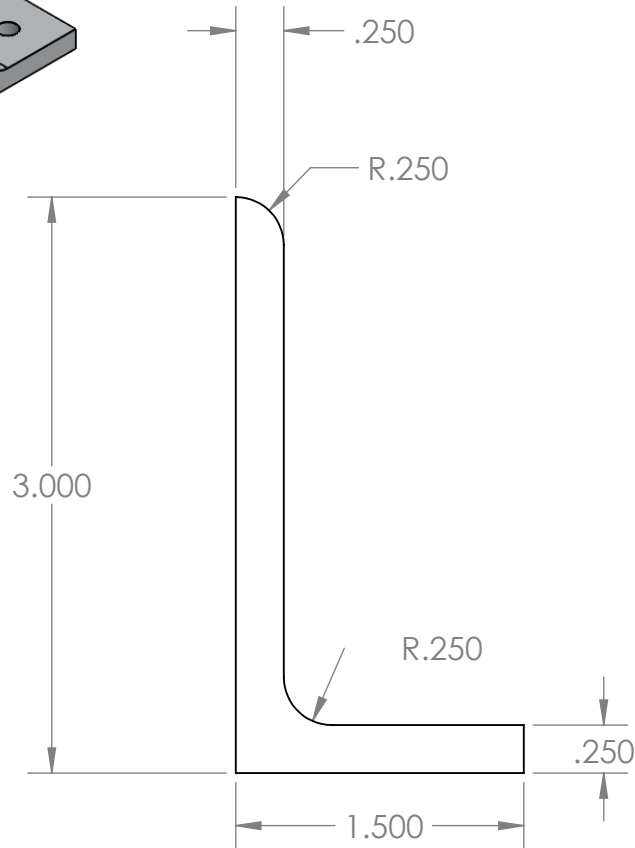
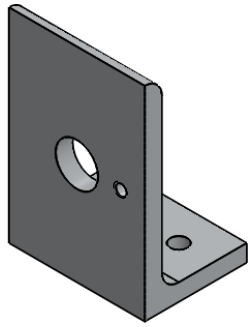
K-State

TITLE:

L Support (Encoder)

SIZE	DWG. NO.	REV
A		

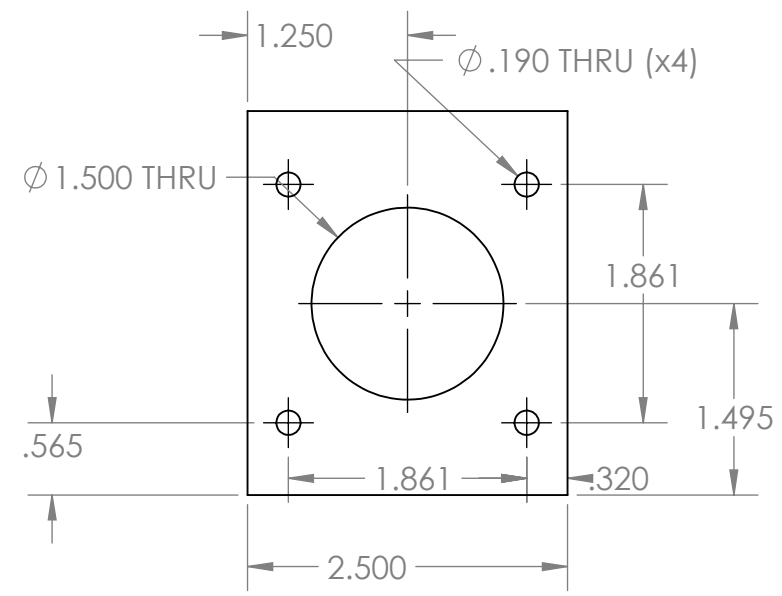
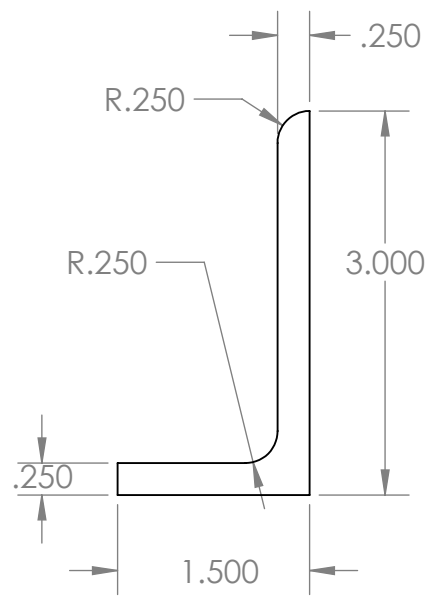
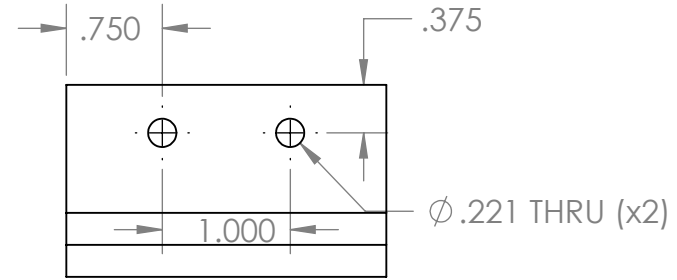
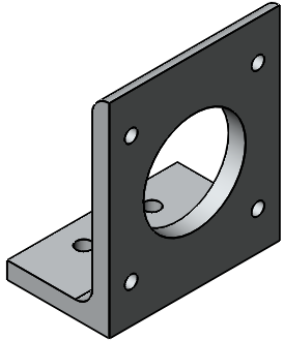
SCALE: 1:1 WEIGHT: SHEET 8 OF 19



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		UNLESS OTHERWISE SPECIFIED:	NAME	DATE
		DIMENSIONS ARE IN INCHES	DRAWN	
		TOLERANCES:	CHECKED	
		FRACTIONAL \pm	ENG APPR.	
		ANGULAR: MACH \pm BEND \pm	MFG APPR.	
		TWO PLACE DECIMAL \pm	Q.A.	
		THREE PLACE DECIMAL \pm	COMMENTS:	
		INTERPRET GEOMETRIC TOLERANCING PER:		
		MATERIAL		
		1060 Aluminum Alloy		
NEXT ASSY	USED ON	FINISH		
APPLICATION		DO NOT SCALE DRAWING		

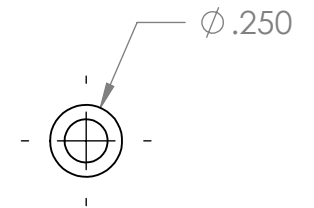
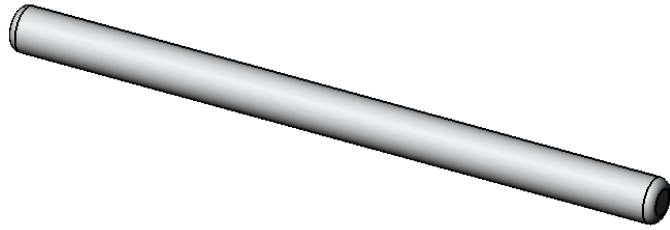
K-State		
TITLE:		
L Support (Inertia)		
SIZE	DWG. NO.	REV
A		
SCALE: 1:1	WEIGHT:	SHEET 9 OF 19



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		UNLESS OTHERWISE SPECIFIED:	NAME	DATE
		DIMENSIONS ARE IN INCHES	DRAWN	
		TOLERANCES:	CHECKED	
		FRACTIONAL ±	ENG APPR.	
		ANGULAR: MACH ± BEND ±	MFG APPR.	
		TWO PLACE DECIMAL ±	Q.A.	
		THREE PLACE DECIMAL ±	COMMENTS:	
		INTERPRET GEOMETRIC TOLERANCING PER:		
		MATERIAL		
		1060 Aluminum Alloy		
		FINISH		
NEXT ASSY	USED ON			
APPLICATION		DO NOT SCALE DRAWING		

K-State		
TITLE:		
L Support (Motor)		
SIZE	DWG. NO.	REV
A		
SCALE: 1:1	WEIGHT:	SHEET 10 OF 19



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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE
		DIMENSIONS ARE IN INCHES	DRAWN		
		TOLERANCES:	CHECKED		
		FRACTIONAL ±	ENG APPR.		
		ANGULAR: MACH ± BEND ±	MFG APPR.		
		TWO PLACE DECIMAL ±	Q.A.		
		THREE PLACE DECIMAL ±	COMMENTS:		
		INTERPRET GEOMETRIC TOLERANCING PER:			
		MATERIAL			
		6061 Aluminum Alloy			
		FINISH			
NEXT ASSY	USED ON				
APPLICATION		DO NOT SCALE DRAWING			

K-State		
TITLE:		
Shaft		
SIZE	DWG. NO.	REV
A		
SCALE: 2:1	WEIGHT:	SHEET 11 OF 19

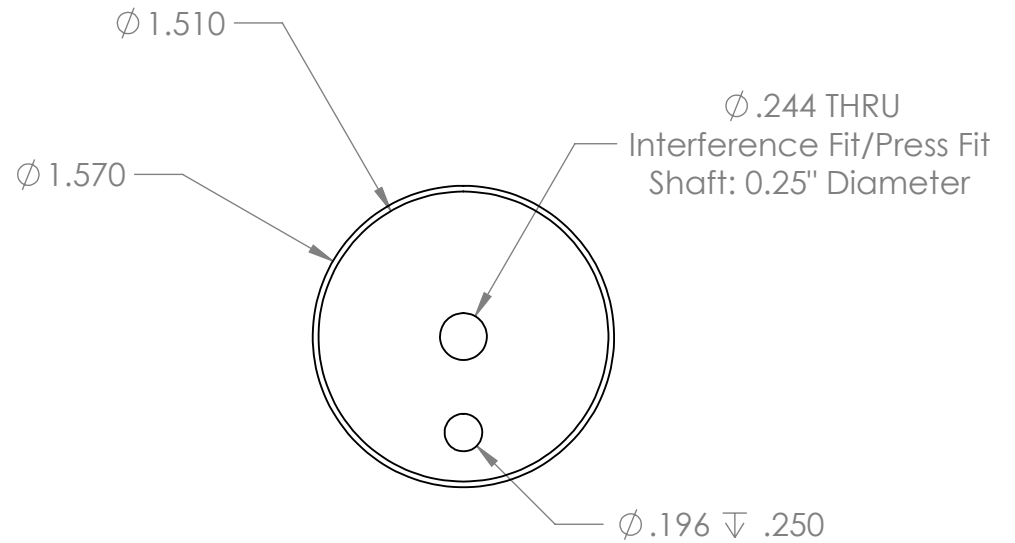
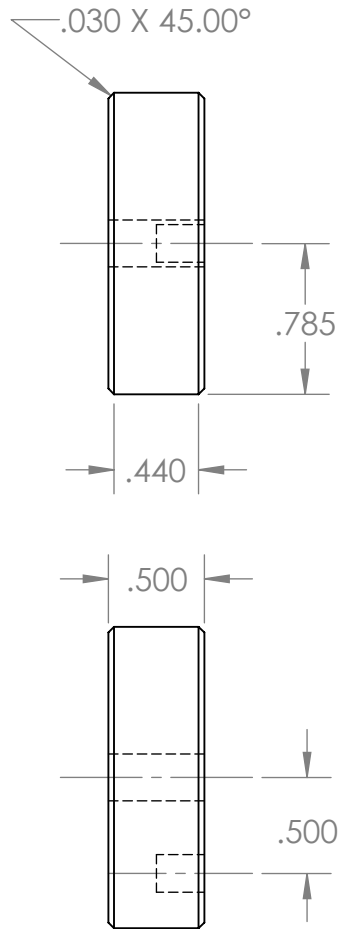
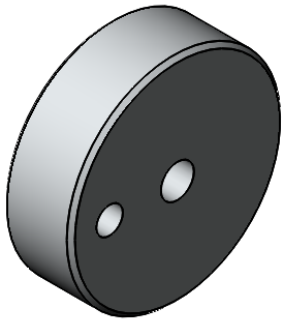
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4

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2

1



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		UNLESS OTHERWISE SPECIFIED:	NAME	DATE	K-State	
		DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± ANGULAR: MACH ± BEND ± TWO PLACE DECIMAL ± THREE PLACE DECIMAL ±	DRAWN		TITLE:	
		INTERPRET GEOMETRIC TOLERANCING PER:	CHECKED		Disk	
		MATERIAL 6061 Aluminum Alloy	ENG APPR.			
NEXT ASSY	USED ON	FINISH	MFG APPR.		SIZE	DWG. NO.
APPLICATION		DO NOT SCALE DRAWING	Q.A.		A	
			COMMENTS:			REV
					SCALE: 1:1	WEIGHT:
					SHEET 12 OF 19	

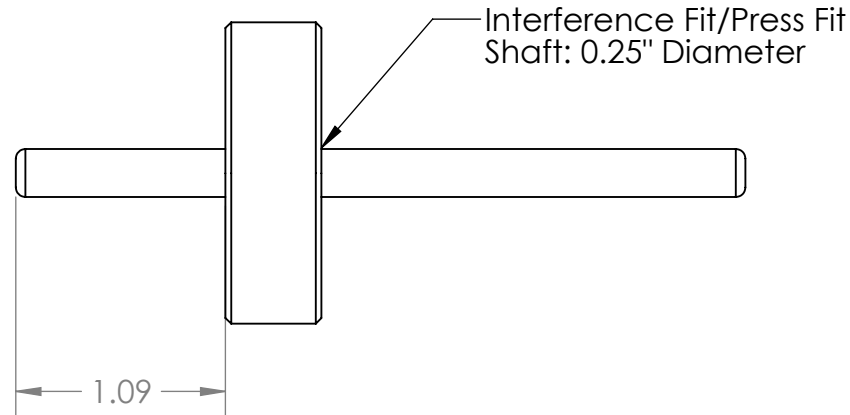
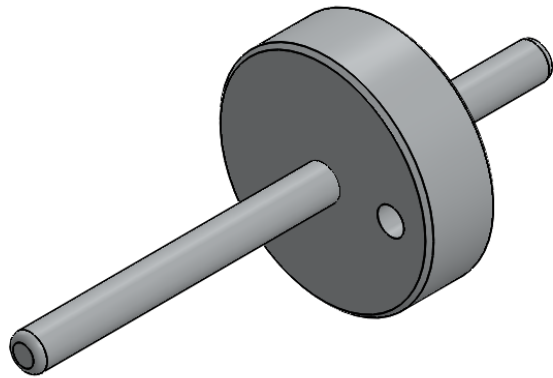
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4

3

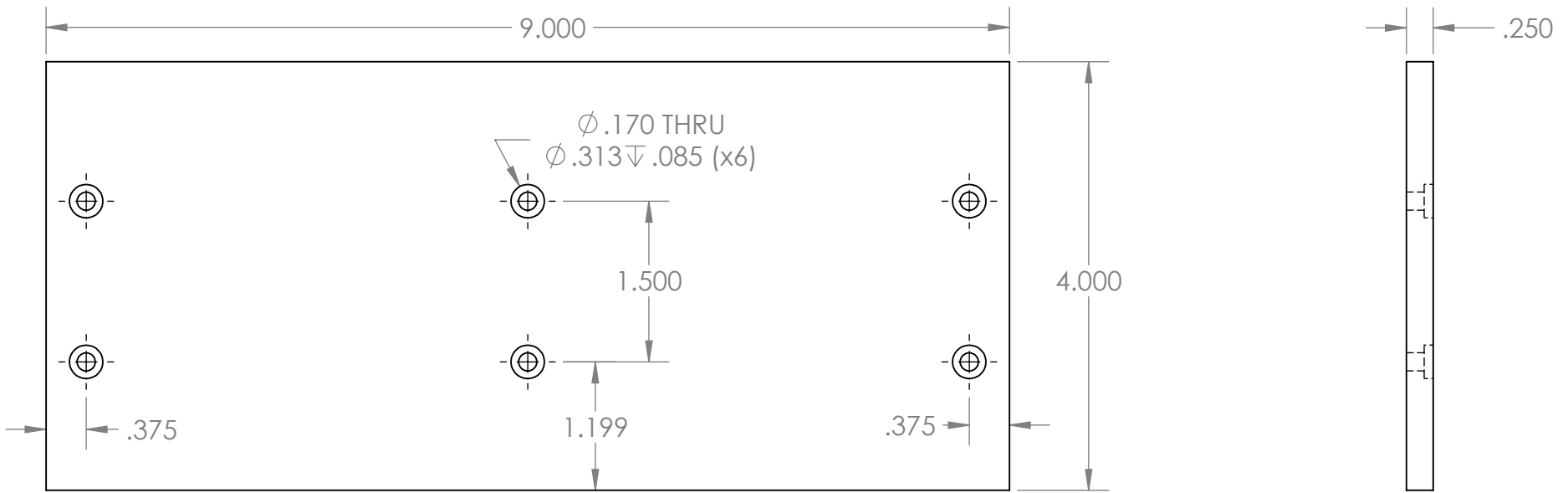
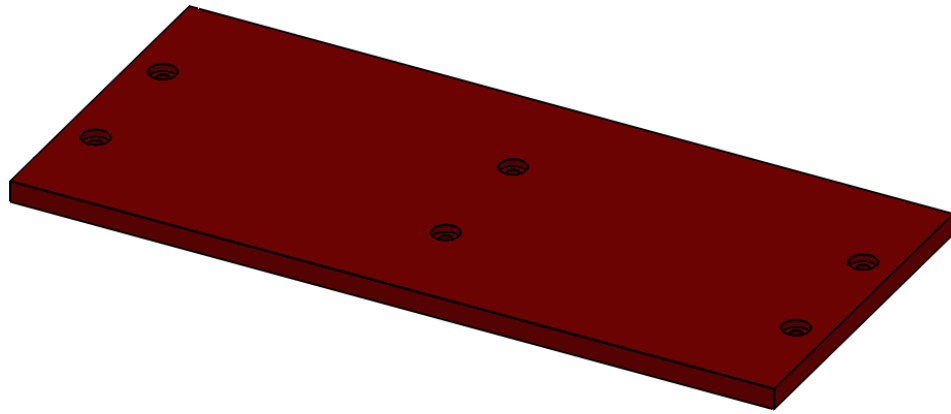
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1



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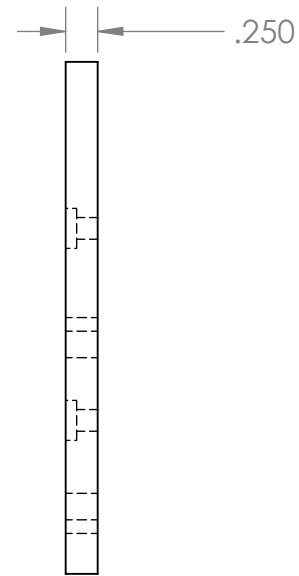
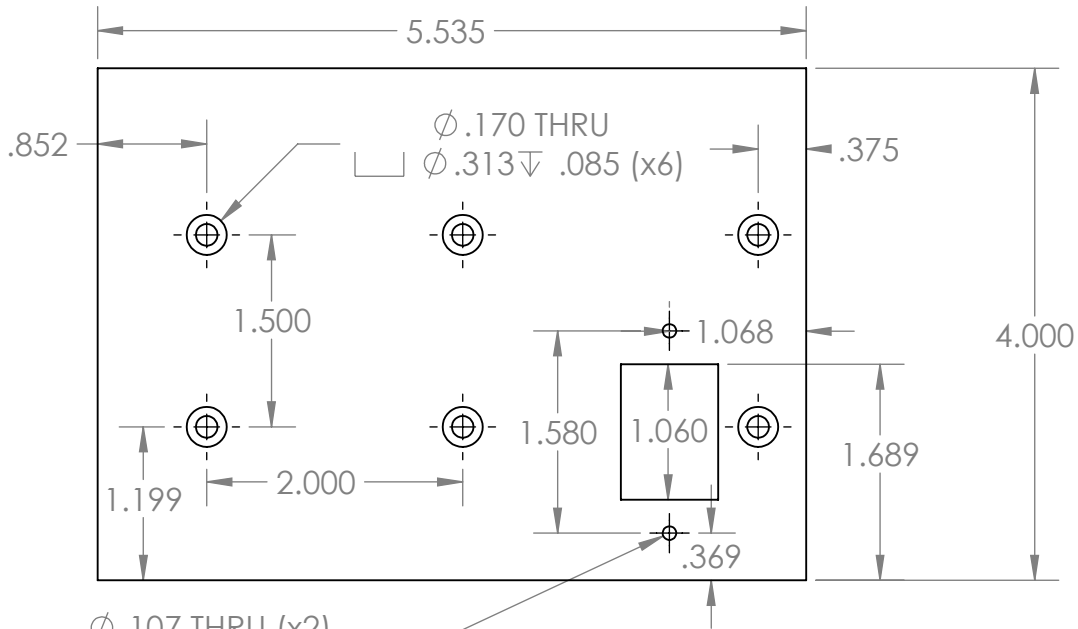
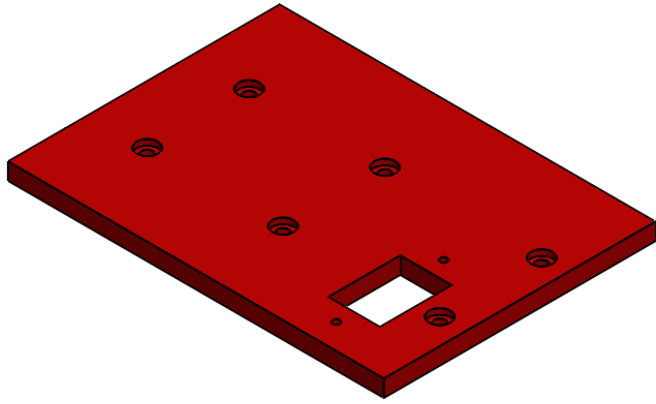
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		TOLERANCES:	CHECKED			
		FRACTIONAL ±	ENG APPR.			
		ANGULAR: MACH ± BEND ±	MFG APPR.			
		TWO PLACE DECIMAL ±	Q.A.			SIZE DWG. NO. REV
		THREE PLACE DECIMAL ±	COMMENTS:			A
		INTERPRET GEOMETRIC TOLERANCING PER:				SCALE: 1:2 WEIGHT: SHEET 13 OF 19
		MATERIAL				
		6061 Aluminum Alloy				
		FINISH				
NEXT ASSY	USED ON					
APPLICATION		DO NOT SCALE DRAWING				



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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE
		DIMENSIONS ARE IN INCHES	DRAWN		
		TOLERANCES:	CHECKED		
		FRACTIONAL ±	ENG APPR.		
		ANGULAR: MACH ± BEND ±	MFG APPR.		
		TWO PLACE DECIMAL ±	Q.A.		
		THREE PLACE DECIMAL ±	COMMENTS:		
		INTERPRET GEOMETRIC TOLERANCING PER:			
		MATERIAL			
		E-Glass Fiber			
		FINISH			
NEXT ASSY	USED ON				
APPLICATION		DO NOT SCALE DRAWING			

K-State		
TITLE:		
Bottom Plate		
SIZE	DWG. NO.	REV
A		
SCALE: 1:2	WEIGHT:	SHEET 14 OF 19

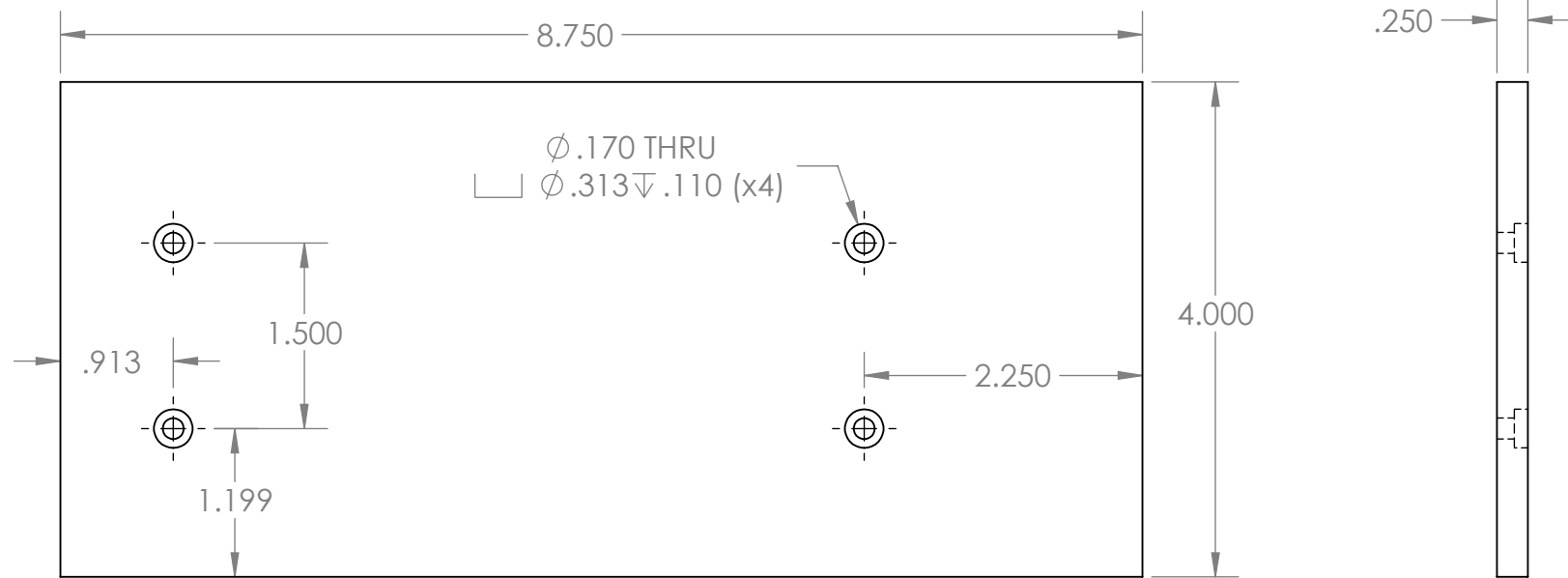
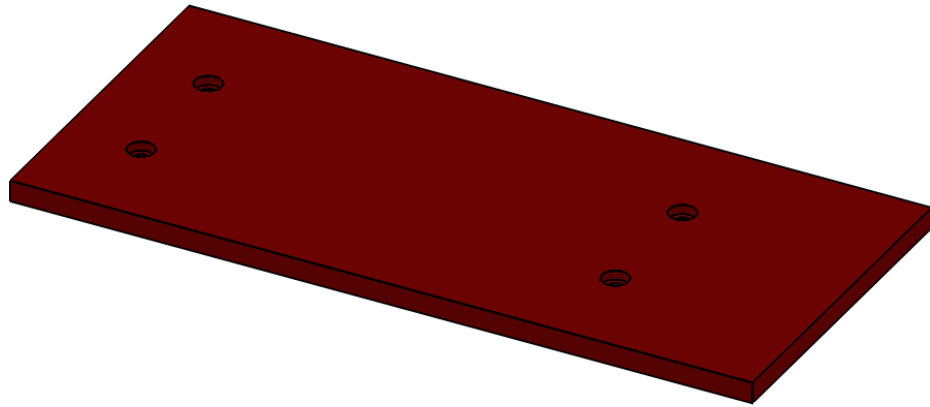


ϕ .107 THRU (x2)
 Tapped Hole
 Size: 6-32

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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE
		DIMENSIONS ARE IN INCHES	DRAWN		
		TOLERANCES:	CHECKED		
		FRACTIONAL \pm	ENG APPR.		
		ANGULAR: MACH \pm BEND \pm	MFG APPR.		
		TWO PLACE DECIMAL \pm	Q.A.		
		THREE PLACE DECIMAL \pm	COMMENTS:		
		INTERPRET GEOMETRIC TOLERANCING PER:			
		MATERIAL			
		E-Glass Fiber			
		FINISH			
NEXT ASSY	USED ON				
APPLICATION		DO NOT SCALE DRAWING			

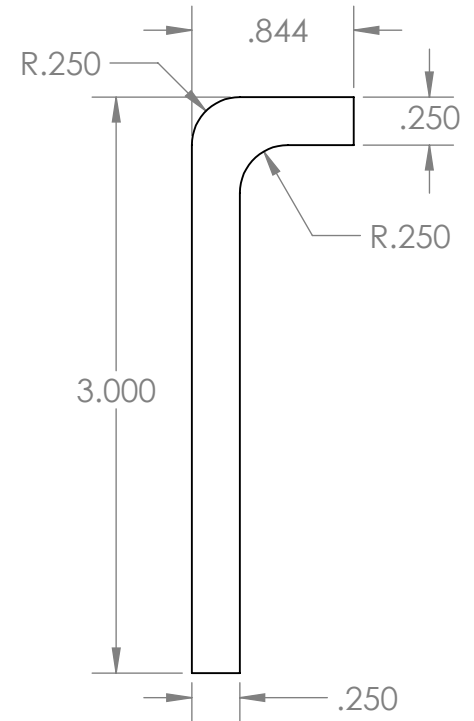
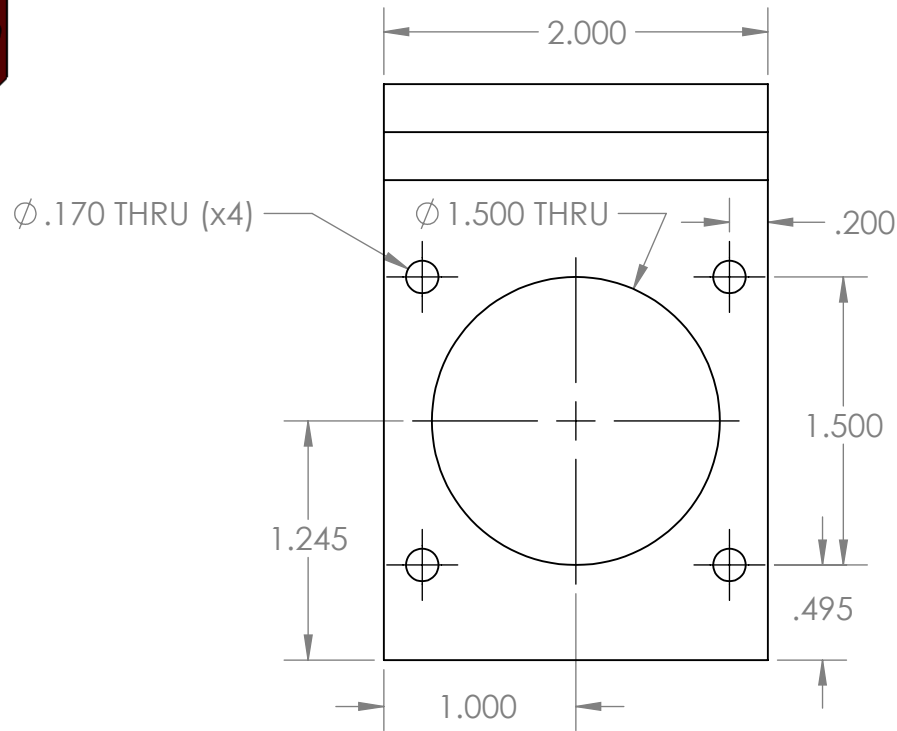
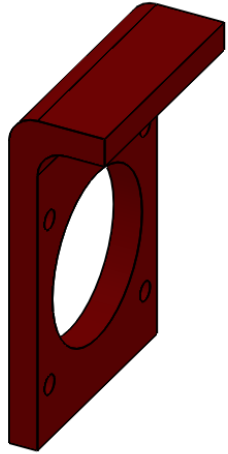
K-State		
TITLE:		
Side Plate		
SIZE	DWG. NO.	REV
A		
SCALE: 1:2	WEIGHT:	SHEET 15 OF 19



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		UNLESS OTHERWISE SPECIFIED:	NAME	DATE
		DIMENSIONS ARE IN INCHES	DRAWN	
		TOLERANCES:	CHECKED	
		FRACTIONAL \pm	ENG APPR.	
		ANGULAR: MACH \pm BEND \pm	MFG APPR.	
		TWO PLACE DECIMAL \pm	Q.A.	
		THREE PLACE DECIMAL \pm	COMMENTS:	
		INTERPRET GEOMETRIC TOLERANCING PER:		
		MATERIAL		
		E-Glass Fiber		
		FINISH		
NEXT ASSY	USED ON			
APPLICATION		DO NOT SCALE DRAWING		

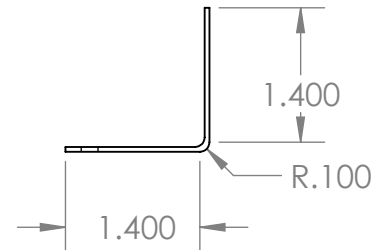
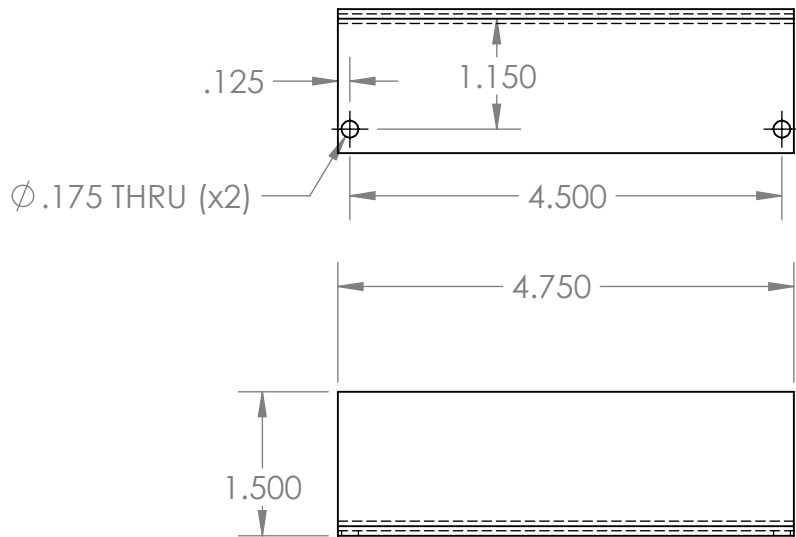
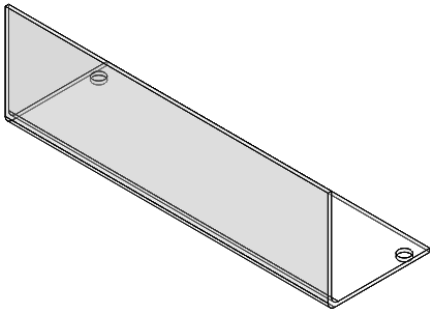
K-State		
TITLE:		
Top Plate		
SIZE	DWG. NO.	REV
A		
SCALE: 1:4	WEIGHT:	SHEET 16 OF 19



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		UNLESS OTHERWISE SPECIFIED:	NAME	DATE
		DIMENSIONS ARE IN INCHES	DRAWN	
		TOLERANCES:	CHECKED	
		FRACTIONAL ±	ENG APPR.	
		ANGULAR: MACH ± BEND ±	MFG APPR.	
		TWO PLACE DECIMAL ±	Q.A.	
		THREE PLACE DECIMAL ±	COMMENTS:	
		INTERPRET GEOMETRIC TOLERANCING PER:		
		MATERIAL		
		E-Glass Fiber		
		FINISH		
NEXT ASSY	USED ON			
APPLICATION		DO NOT SCALE DRAWING		

K-State		
TITLE:		
Encoder Protector New		
SIZE	DWG. NO.	REV
A		
SCALE: 1:2	WEIGHT:	SHEET 17 OF 19

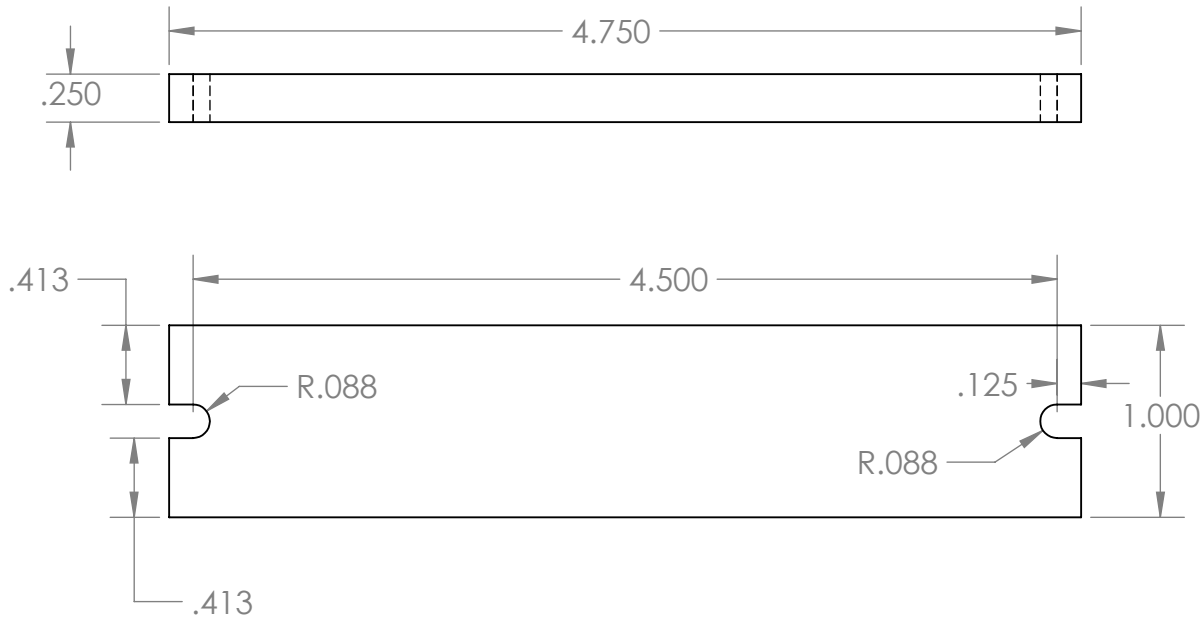
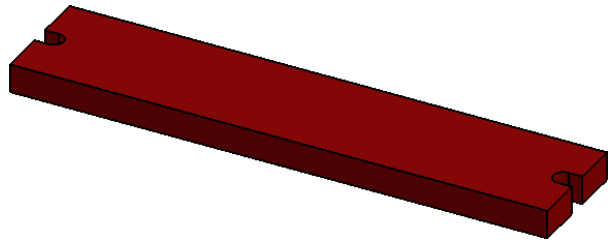


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		UNLESS OTHERWISE SPECIFIED:
		DIMENSIONS ARE IN INCHES
		TOLERANCES:
		FRACTIONAL \pm
		ANGULAR: MACH \pm BEND \pm
		TWO PLACE DECIMAL \pm
		THREE PLACE DECIMAL \pm
		INTERPRET GEOMETRIC TOLERANCING PER:
		MATERIAL
		Acrylic (Medium-high)
		FINISH
NEXT ASSY	USED ON	
APPLICATION		DO NOT SCALE DRAWING

	NAME	DATE
DRAWN		
CHECKED		
ENG APPR.		
MFG APPR.		
Q.A.		
COMMENTS:		

K-State		
TITLE:		
PlexiglassAngle		
SIZE	DWG. NO.	REV
A		
SCALE: 1:2	WEIGHT:	SHEET 18 OF 19



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		UNLESS OTHERWISE SPECIFIED:	NAME	DATE
		DIMENSIONS ARE IN INCHES	DRAWN	
		TOLERANCES:	CHECKED	
		FRACTIONAL ±	ENG APPR.	
		ANGULAR: MACH ± BEND ±	MFG APPR.	
		TWO PLACE DECIMAL ±	Q.A.	
		THREE PLACE DECIMAL ±	COMMENTS:	
		INTERPRET GEOMETRIC TOLERANCING PER:		
		MATERIAL		
		E-Glass Fiber		
		FINISH		
NEXT ASSY	USED ON			
APPLICATION		DO NOT SCALE DRAWING		

K-State		
TITLE:		
Wire Protector		
SIZE	DWG. NO.	REV
A		
SCALE: 1:1	WEIGHT:	SHEET 19 OF 19