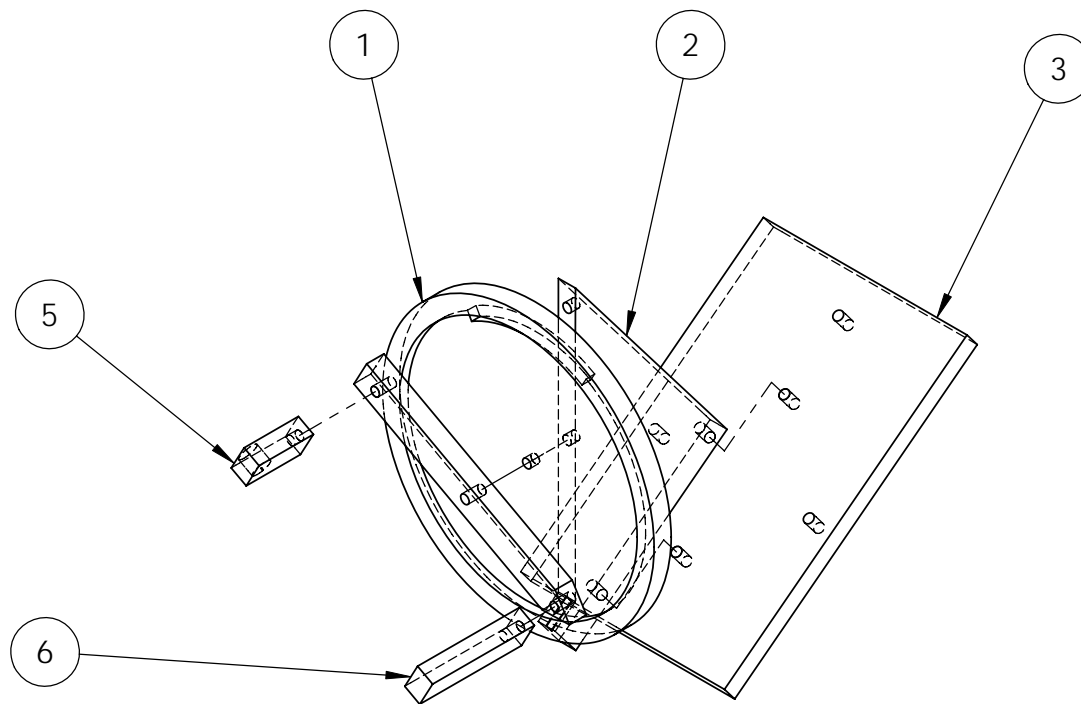


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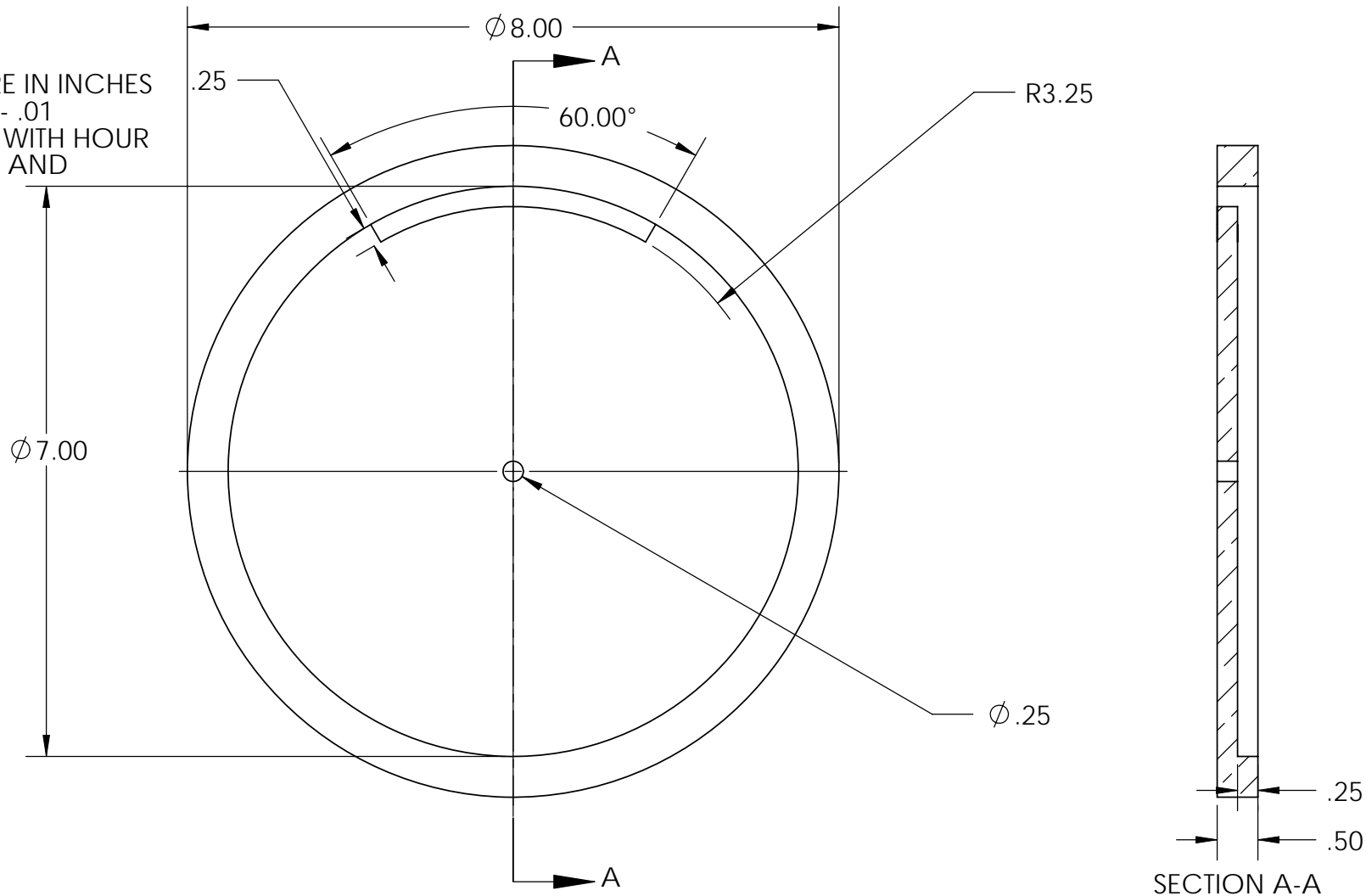
		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	CHRIS MAES		
		DIMENSIONS ARE IN INCHES	DRAWN			TITLE: HELIOCHRONOMETER ASSEMBLY		
		TOLERANCES:	CHECKED					
		FRACTIONAL ±	ENG APPR.					
		ANGULAR: MACH ± BEND ±	MFG APPR.					
		TWO PLACE DECIMAL ±	Q.A.					
		THREE PLACE DECIMAL ±	COMMENTS:			SIZE	DWG. NO.	REV
		INTERPRET GEOMETRIC TOLERANCING PER:				A	HELIOCHRONOMETER	X1
		MATERIAL				SCALE: 1:2		
NEXT ASSY	USED ON	FINISH				WEIGHT:		SHEET 1 OF 2
APPLICATION		DO NOT SCALE DRAWING						



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	dial3	MAIN DIAL PLATE	1
2	latangle	LATITUDE ANGLE SUPPORT PLATE	1
3	baseplate	BASEPLATE	1
4	sightarm	SIGHTING ARM	1
5	foresight	FORESIGHT	1
6	backsight	BACKSIGHT	1

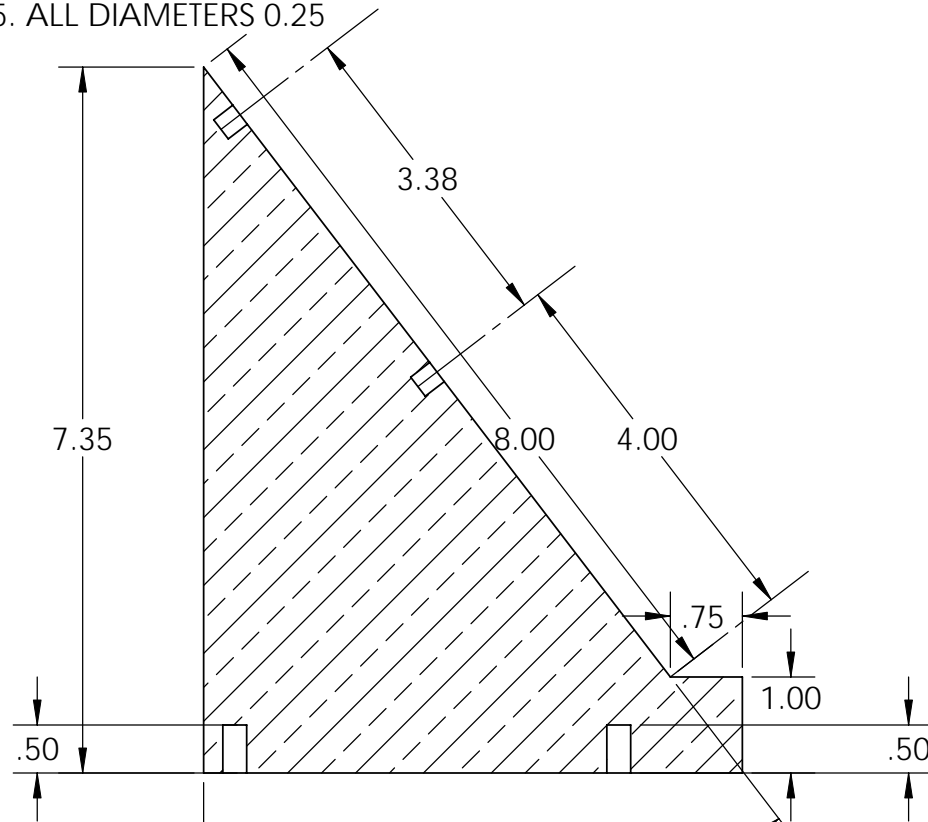
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			DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± ANGULAR: MACH ± BEND ± TWO PLACE DECIMAL ± THREE PLACE DECIMAL ±	DRAWN			
				CHECKED			
				ENG APPR.			
			INTERPRET GEOMETRIC TOLERANCING PER:	Q.A.			SIZE A DWG. NO. HELIOCHRONOMETER REV X1
			MATERIAL	COMMENTS:			
	NEXT ASSY	USED ON	FINISH				
		APPLICATION	DO NOT SCALE DRAWING	SCALE: 1:4 WEIGHT: SHEET 2 OF 2			

- NOTES:
1. MATERIAL: BRASS
2. FINISH: POLISH
3. ALL DIMENSIONS ARE IN INCHES
4. TOLERANCES X.XX +- .01
5. FACE IS ENGRAVED WITH HOUR
30 MINUTE, 15 MINUTE, AND
5 MINUTE MARKS

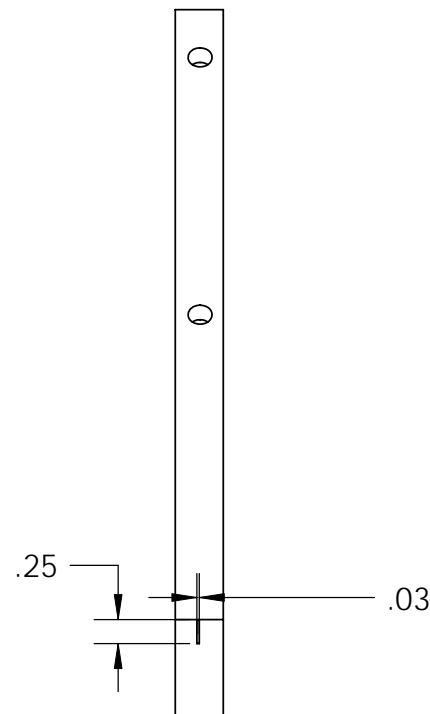
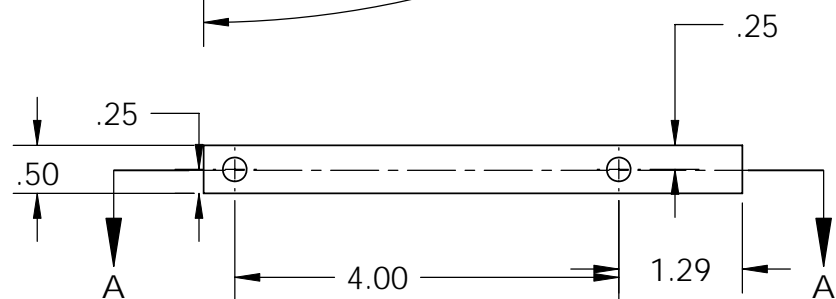


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			DIMENSIONS ARE IN INCHES	DRAWN			TITLE: MAIN DIAL PLATE	
			TOLERANCES:	CHECKED				
			FRACTIONAL ±	ENG APPR.				
			ANGULAR: MACH ± BEND ±	MFG APPR.				
			TWO PLACE DECIMAL ±	Q.A.			SIZE A DWG. NO. DIAL3 REV X3	
			THREE PLACE DECIMAL ±	COMMENTS:				
			INTERPRET GEOMETRIC TOLERANCING PER:					
			MATERIAL				SCALE: 1:2 WEIGHT: SHEET 1 OF 1	
			FINISH					
	NEXT ASSY	USED ON						
	APPLICATION		DO NOT SCALE DRAWING					

1. MATERIAL: BRASS
2. FINISH: POLISH
3. ALL DIMENSIONS IN INCHES
4. TOLERANCES X.XX \pm .01
5. ALL DIAMETERS 0.25 \angle



37.43°



UNLESS OTHERWISE SPECIFIED:		NAME		DATE		CHRIS MAES					
DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± ANGULAR: MACH ± BEND ± TWO PLACE DECIMAL ± THREE PLACE DECIMAL ±		DRAWN									
		CHECKED									
		ENG APPR.									
		MFG APPR.									
INTERPRET GEOMETRIC TOLERANCING PER:		Q.A.				TITLE: LATITUDE ANGLE SUPPORT PLATE					
MATERIAL		COMMENTS:									
FINISH											
DO NOT SCALE DRAWING						SIZE		DWG. NO.		REV	
						A		LATANGLE		X1	
						SCALE: 1:2		WEIGHT:		SHEET 1 OF 1	

DO NOT SCALE DRAWING

5

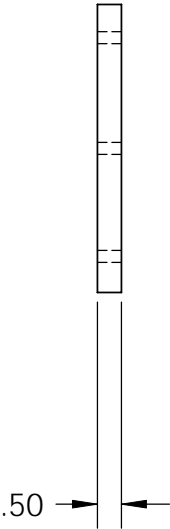
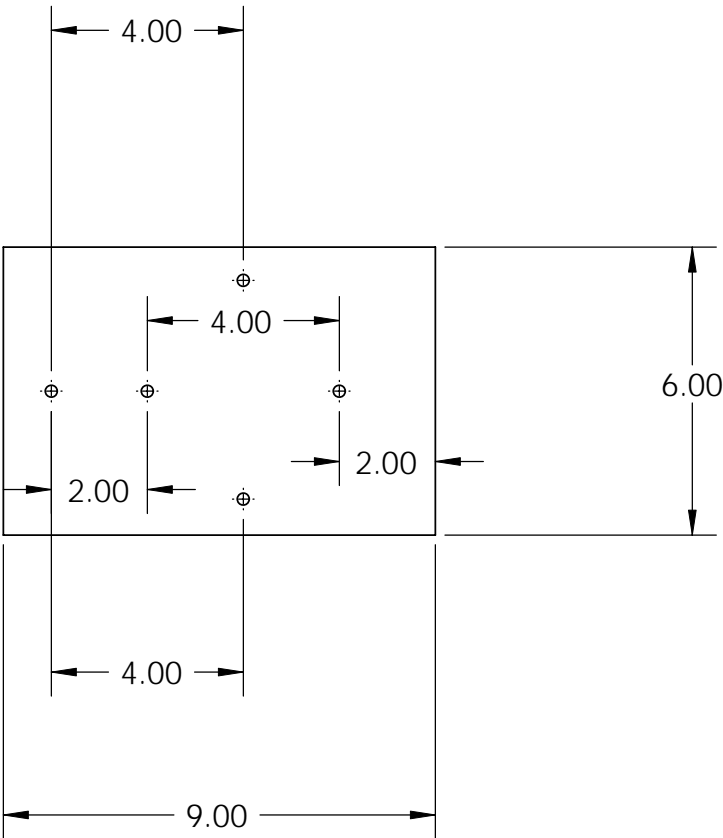
4

3

2

1

- NOTES:
- 1. MATERIAL: BRASS
 - 2. FINISH: POLISHED
 - 3. ALL DIMENSIONS IN INCHES
 - 4. TOLERANCES X.XX +/- .01
 - 5. ALL DIAMETERS .25

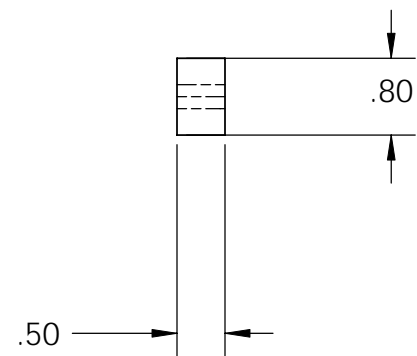
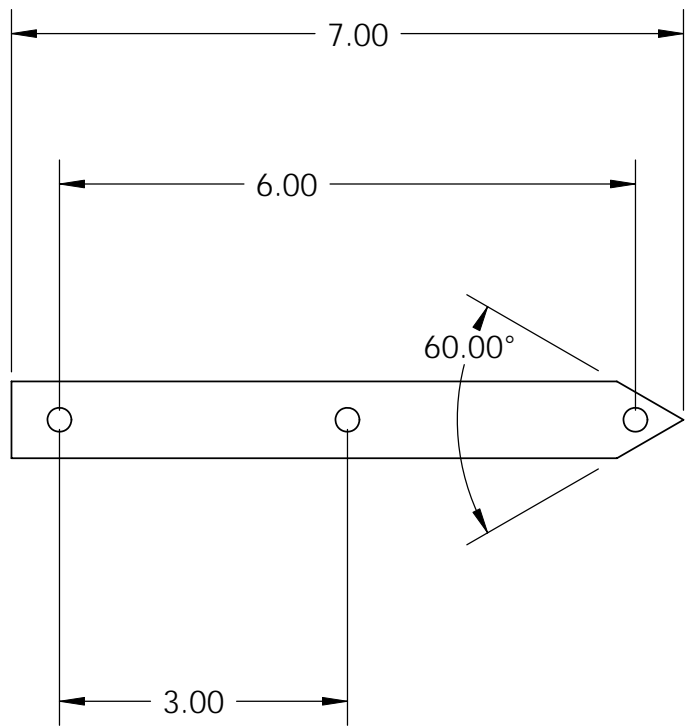


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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	CHRIS MAES		
		DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± ANGULAR: MACH ± BEND ± TWO PLACE DECIMAL ± THREE PLACE DECIMAL ±	DRAWN			TITLE: BASEPLATE BASEPLATE		
			CHECKED					
			ENG APPR.					
			MFG APPR.					
		INTERPRET GEOMETRIC TOLERANCING PER:	Q.A.			SIZE DWG. NO. A BASEPLATE REV 		

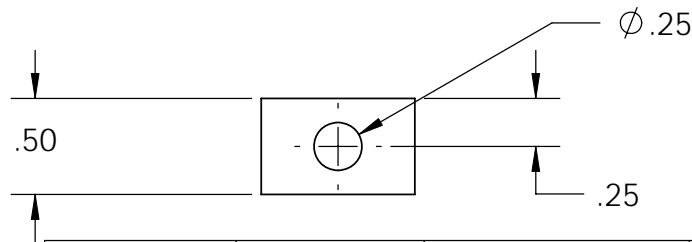
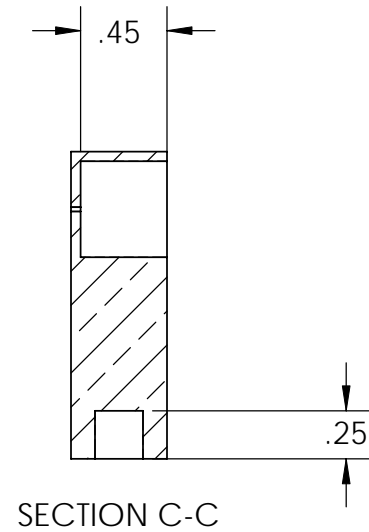
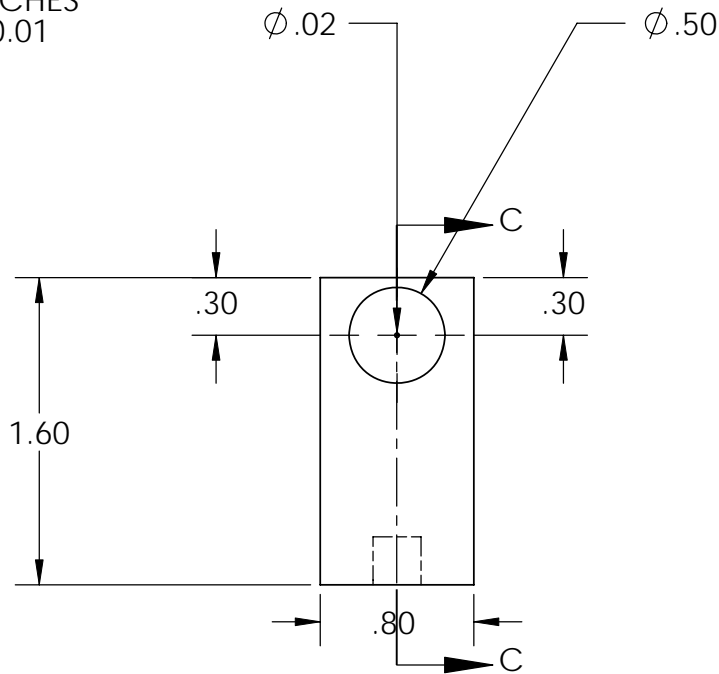
- NOTES:
- 1. MATERIAL: BRASS
 - 2. FINISH: POLISH
 - 3. ALL DIMENSIONS ARE IN INCHES
 - 4. TOLERANCES X.XX +/- .01
 - 5. ALL DIAMETERS ARE .25



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			DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± ANGULAR: MACH ± BEND ± TWO PLACE DECIMAL ± THREE PLACE DECIMAL ±	DRAWN			TITLE: SIGHTING ARM			
				CHECKED						
				ENG APPR.						
				MFG APPR.						
			INTERPRET GEOMETRIC TOLERANCING PER:	Q.A.			SIZE A DWG. NO. SIGHTARM REV X1			
			MATERIAL	COMMENTS:						
	NEXT ASSY	USED ON	FINISH							
	APPLICATION		DO NOT SCALE DRAWING							
								SCALE: 1:2		WEIGHT:

54321

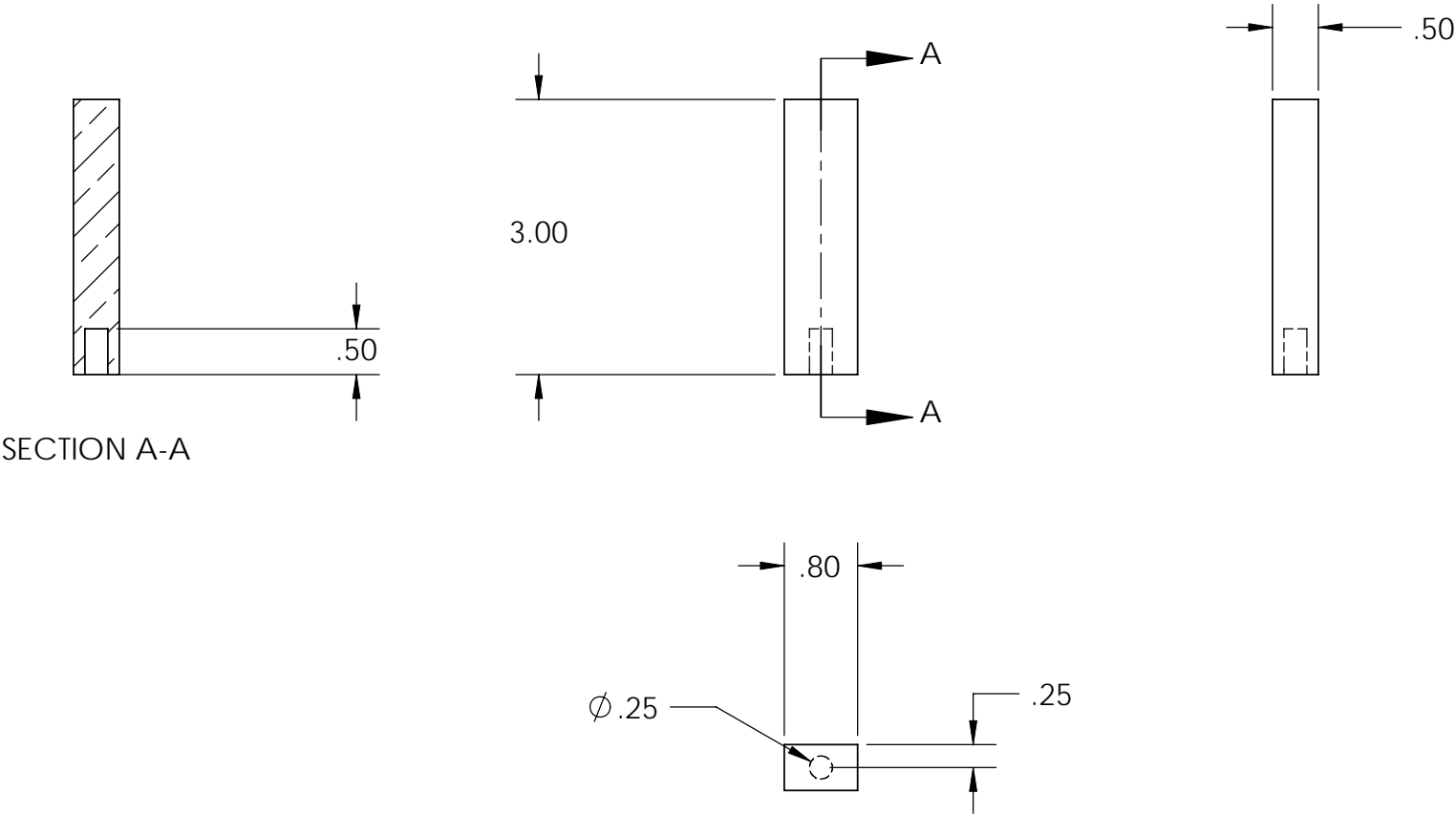
- NOTES:
- 1. MATERIAL: BRASS
 - 2. FINISH: POLISH
 - 3. ALL DIMENSIONS IN INCHES
 - 4. TOLERANCES X.XX +- 0.01



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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	CHRIS MAES		
		DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± ANGULAR: MACH ± BEND ± TWO PLACE DECIMAL ± THREE PLACE DECIMAL ±	DRAWN			TITLE: FORESIGHT		
			CHECKED					
			ENG APPR.					
			MFG APPR.					
		INTERPRET GEOMETRIC TOLERANCING PER:	Q.A.			SIZE A DWG. NO. FORESIGHT REV X1		
		MATERIAL	COMMENTS:					
NEXT ASSY	USED ON	FINISH						
APPLICATION		DO NOT SCALE DRAWING						
			SCALE: 1:1		WEIGHT:	SHEET 1 OF 1		

- NOTES:
- 1. MATERIAL: BRASS
 - 2. FINISH: POLISH
 - 3. ALL DIMENSIONS ARE IN INCHES
 - 4. TOLERANCES X.XX +- .01
 - 5. FRONT OF BACKSIGHT CONTAINS ENGRAVING OF ANALEMMA



			UNLESS OTHERWISE SPECIFIED:		NAME	DATE	CHRIS MAES		
			DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± ANGULAR: MACH ± BEND ± TWO PLACE DECIMAL ± THREE PLACE DECIMAL ±	DRAWN			TITLE: BACKSIGHT		
				CHECKED					
				ENG APPR.					
				MFG APPR.					
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			MATERIAL	COMMENTS:					
	NEXT ASSY	USED ON	FINISH						
		APPLICATION		DO NOT SCALE DRAWING				SCALE: 1:2 WEIGHT: SHEET 1 OF 1	
5	↑	4	3	2	1				