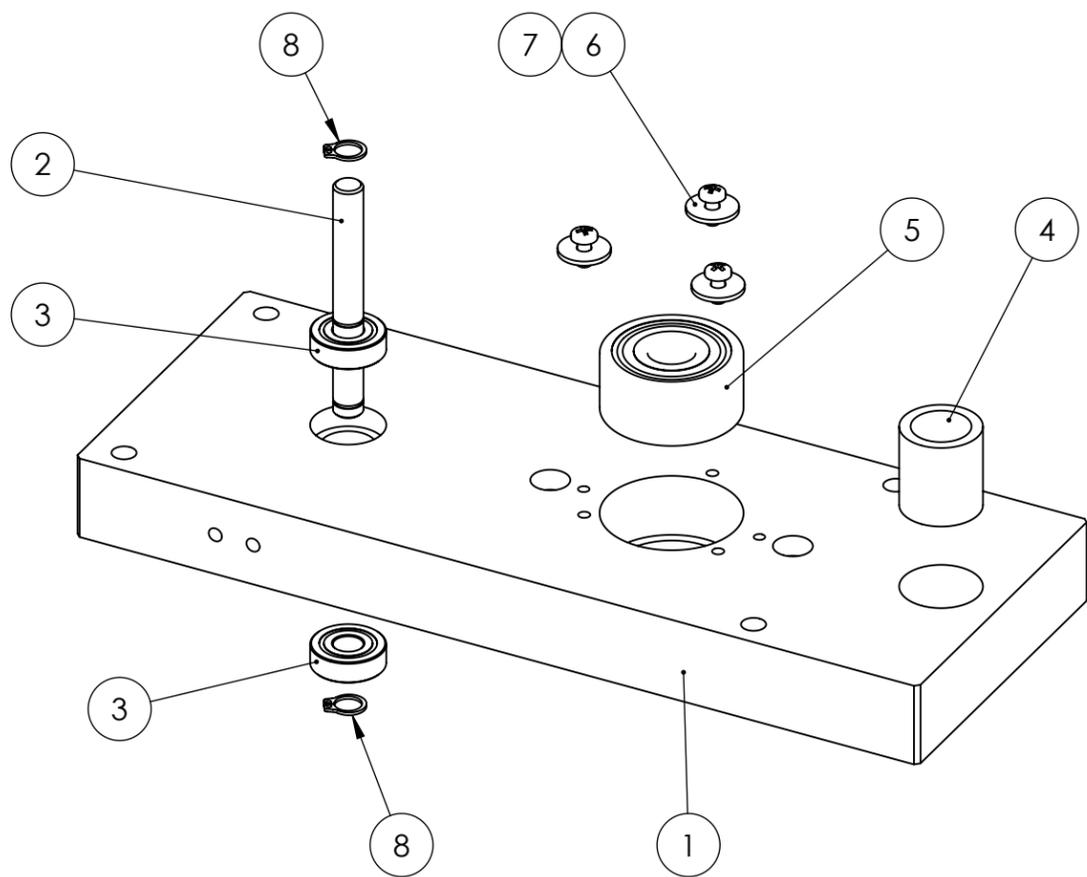
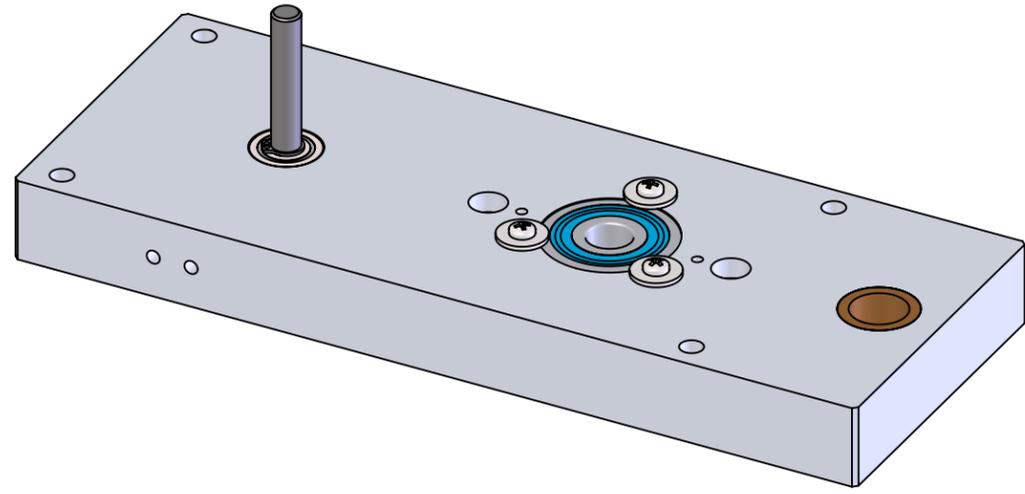


REVISIONS				
REV.	DESCRIPTION	MD WO #	DATE	BY
1	Released	W04047-002	11-MAY-2016	PMG

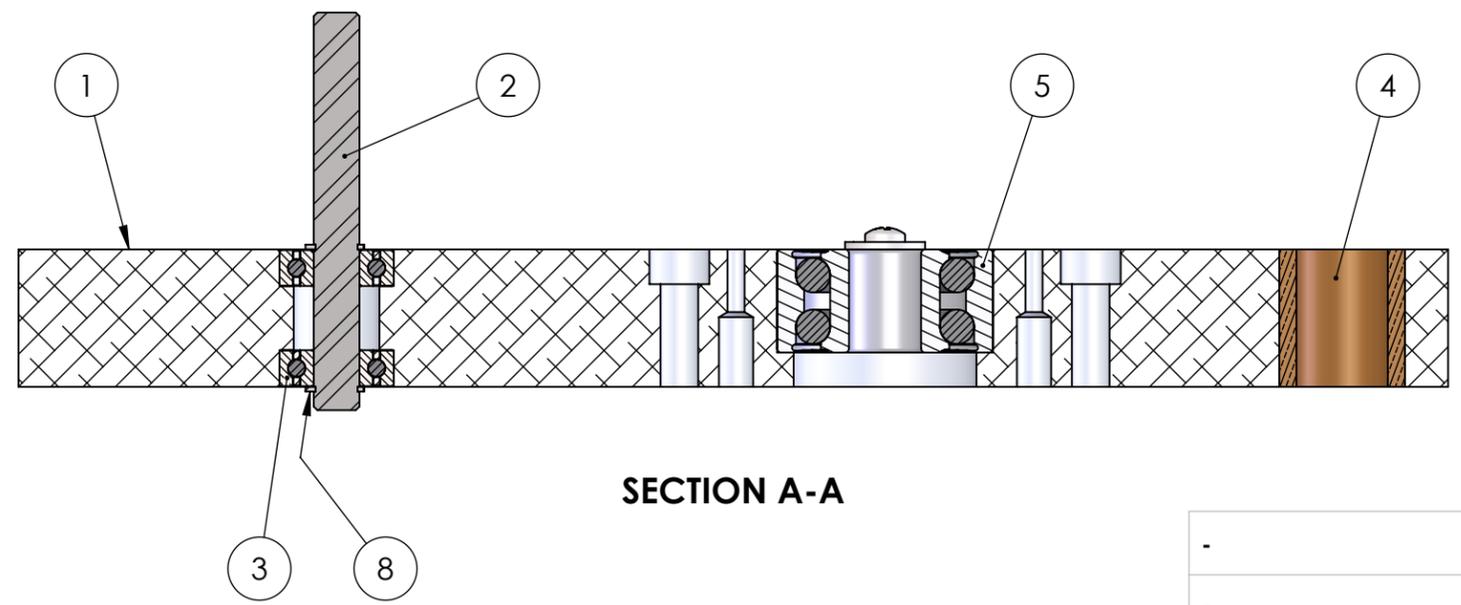
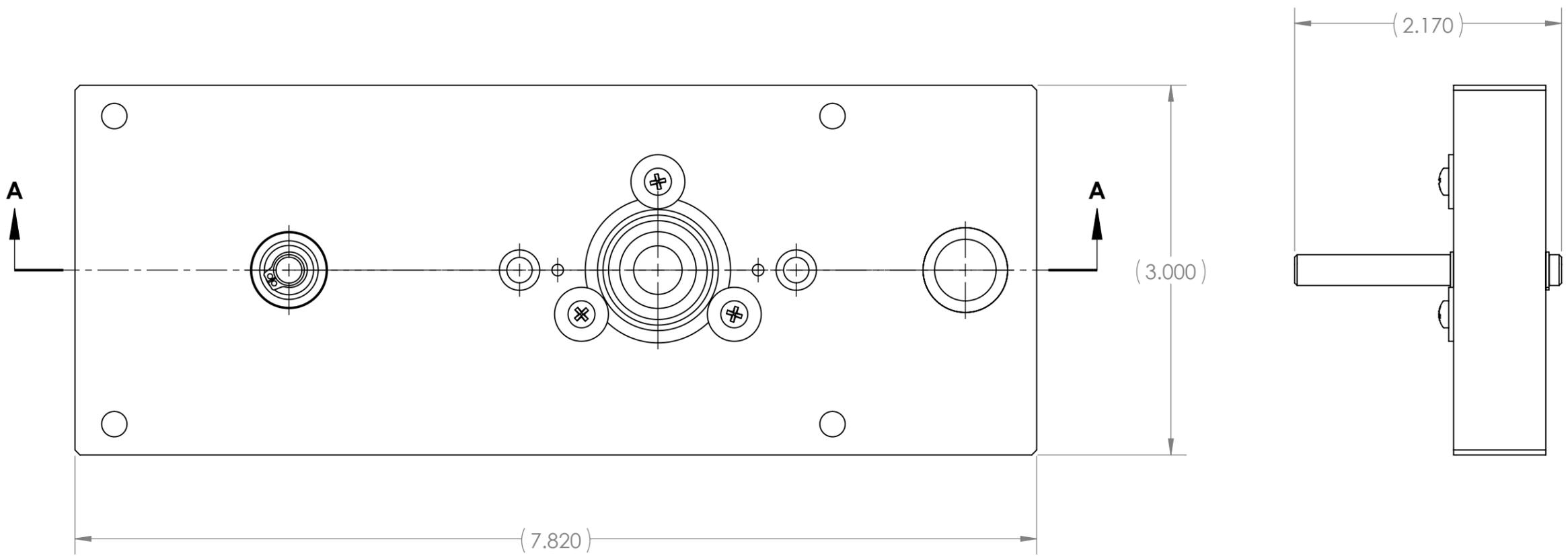


ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL	QTY.
1	N3010217-MDE-0003-0013	Bearing Mount Block	7075-T6 Alum	1
2	N3010217-MDE-0003-0014	Drive Shaft 'B'	AISI 304	1
3	McMaster-Carr_60355K43	Radial Ball Bearing - for 1/4" diameter shaft, 5/8" O.D. x 0.196" wide, double-shielded	52100 steel	2
4	McMaster-Carr_6391K198	Oil-Embedded Sleeve Bearing - for 1/2" diameter shaft	SAE 841 Bronze	1
5	McMaster-Carr_8828T211	Double Row Angular-Contact Radial Ball Bearing - for 10 mm diameter shaft, 30 mm O.D., 14.3 mm wide, double shielded	52100 steel	1
6	Wide FW 0.112-SZP	Wide Flat Washer Type B, Size #4	STEEL, ZINC PLATED- GRADE 5 MINIMUM	3
7	CR-PHMS 0.112-40x0.25x0.25-N-SZP	Pan Cross Head, Drive Type Cross, Size #4-40, Length 0.25, Thread Length 0.25	STEEL, ZINC PLATED- GRADE 5 MINIMUM	3
8	B27.1 - NA1-25	Basic External Retaining Ring for 1/4 in Shaft	steel	2

<p>UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES BREAK ALL SHARP EDGES .02 MAX. REMOVE ALL BURRS 30 Deg. CHAMFER ENDS ALL THREADS MACHINE SURFACE FINISH $\sqrt{32}$</p> <p>DO NOT SCALE DRAWING</p> <p>Dimension Tolerances</p> <p>1 Place Dec. $\pm .030$ 2 Place Dec. $\pm .010$ 3 Place Dec. $\pm .005$ "Stock" $\pm .060$ Angles $\pm .5^\circ$</p>	<p>SCALE 2:3</p>	 <p>National Superconducting Cyclotron Laboratory MICHIGAN STATE UNIVERSITY - East Lansing, Michigan</p>	<p>DRAWN BY GLENNON</p>	<p>Project / System Reference Beam Degrador</p>	
	<p>DATE MAY 2016</p>		<p>DESCRIPTION Bearing Assembly</p>		
	<p>N3010217-MDE-0003-0002</p>	<p>SIZE B</p>	<p>MATERIAL ASSEMBLY</p>	<p>PART # N3010217-MDE-0003-0004</p>	<p>REV 1</p>
	<p>NEXT ASSEMBLY</p>				

8 7 6 5 4 3 2 1

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B
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SECTION A-A

-	UNLESS OTHERWISE SPECIFIED:		 National Superconducting Cyclotron Laboratory MICHIGAN STATE UNIVERSITY - East Lansing, Michigan		
	DIMENSIONS ARE IN INCHES BREAK ALL SHARP EDGES .02 MAX. REMOVE ALL BURRS 30 Deg. CHAMFER ENDS ALL THREADS MACHINE SURFACE FINISH $\sqrt{63}$				
	DO NOT SCALE DRAWING		DRAWN BY GLENNON	Project / System Reference Beam Degradar	
	Dimension Tolerances 1 Place Dec. $\pm .030$ 2 Place Dec. $\pm .010$ 3 Place Dec. $\pm .005$ "Stock" $\pm .060$ Angles $\pm .5^\circ$		SCALE 1:1	DATE MAY 2016	DESCRIPTION Bearing Assembly
N3010217-MDE-0003-0002 NEXT ASSEMBLY		SIZE B	MATERIAL ASSEMBLY	PART # N3010217-MDE-0003-0004	REV 1

8 7 6 5 4 3 2 1 SHEET 2 OF 2