


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:</p> <p>DIMENSIONS ARE IN INCHES BREAK ALL SHARP EDGES .02 MAX. REMOVE ALL BURRS 30 Deg. CHAMFER ENDS ALL THREADS MACHINE SURFACE FINISH $\sqrt{63}$</p> <p>DO NOT SCALE DRAWING</p>			<p><i>National Superconducting Cyclotron Laboratory</i></p> <p><i>MICHIGAN STATE UNIVERSITY - East Lansing, Michigan</i></p>		
-				DRAWN BY GLENNON	Project / System Reference Beam Degradar	
-		<p><i>Dimension Tolerances</i></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>	SCALE 2:3	DATE MAY 2016	DESCRIPTION Bearing Assembly	
N3010217-MDE-0003-0002		SIZE B	MATERIAL ASSEMBLY	PART # N3010217-MDE-0003-0004	REV 1	
NEXT ASSEMBLY						

