

4

WELD PROTON DETECTOR CONNECTOR TO PROTON DETECTOR MAST CONNECTOR; WELD FOR ULTRA HIGH VACUUM

5

PARTS LIST			
ITEM NO.	TITLE	DWG. NO.	QUANTITY
4	PROTON DETECTOR CONNECTOR	PD_22_connector	1
5	PROTON DETECTOR MAST CONNECTOR	MAST_connector_1	1

**SolidWorks Student Edition
For Academic Use Only.**

TOLERANCES LINEAR DIMENSIONS					
OVER 0.5 TO 3	OVER 3 TO 6	OVER 6 TO 30	OVER 30 TO 120	OVER 120 TO 400	OVER 400 TO 1000
+/- 0.1	+/- 0.15	+/- 0.2	+/- 0.3	+/- 0.5	+/- 0.8

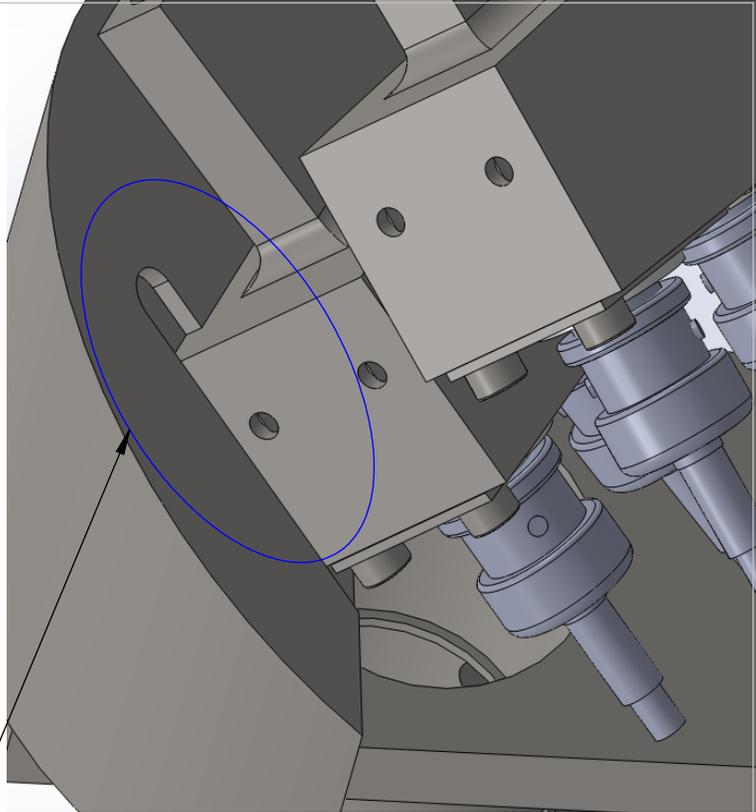
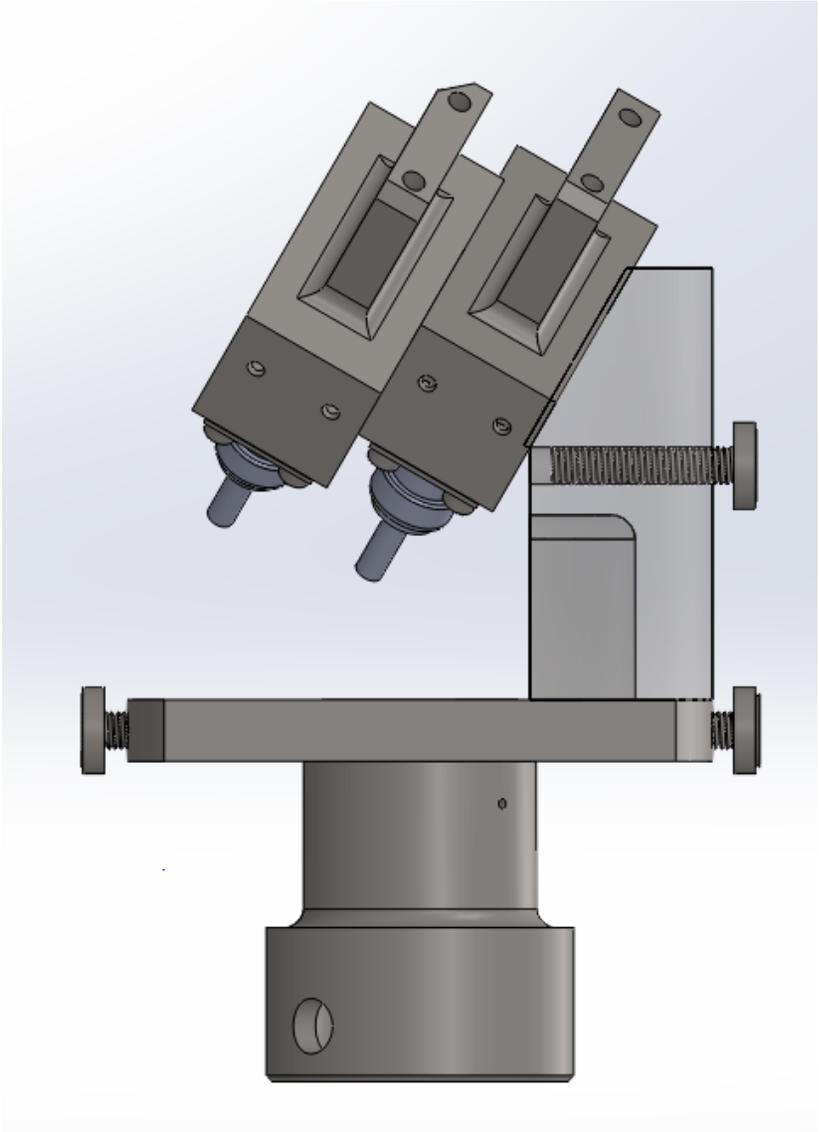
TOLERANCES ANGULAR DIMENSIONS				
LESS THAN 50	50 TO 120	120 TO 400	OVER 400	
+/- 1°	+/- 0°30'	+/- 0°20'	+/- 0°10'	+/- 0°5'

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 DO NOT SCALE DRAWING



MATERIAL		SS316
	NAME	DATE
DRAWN	RAMONA V PEREZ	05/28/13
CHECKED	RAMONA V PEREZ	06/28/13
UNLESS OTHERWISE STATED DIMENSIONS ARE IN MM		REMOVE ALL BURRS AND SHARP EDGES

TITLE:		
PROTON DETECTOR ASSEMBLED CONNECTOR		
SIZE	DWG. NO.	REV
A	PD_22_connector_assembled	
		SHEET 1 OF 2



- NOTES:
1. WELD PROTON DETECTOR MODULE A TO PROTON DETECTOR CONNECTOR
 2. WELD FOR ULTRA HIGH VACUUM
 3. NOTE STEP ON CONNECTOR IS TO CORRECTLY POSITION PROTON DETECTOR MODULE A

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TOLERANCES LINEAR DIMENSIONS					
OVER 0.5 TO 3	OVER 3 TO 6	OVER 6 TO 30	OVER 30 TO 120	OVER 120 TO 400	OVER 400 TO 1000
+0.012	+0.012	+0.012	+0.012	+0.012	+0.012
-0.008	-0.008	-0.008	-0.008	-0.008	-0.008
TOLERANCES ANGULAR DIMENSIONS					
OVER 120 TO 400	OVER 400	OVER 120 TO 400	OVER 400		
+/- 1°	+/- 0°30'	+/- 0°20'	+/- 0°10'	+/- 0°5'	

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TITLE:		
PROTON DETECTOR ASSEMBLED CONNECTOR		
SIZE	DWG. NO.	REV
A	PD_22_connector_assembled	
		SHEET 2 OF 2