

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



TITLE:
**PROTON DETECTOR
ASSEMBLED CONNECTOR**

**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	+/- 0.1	+/- 0.1	+/- 0.3	+/- 0.5	+/- 0.8
TOLERANCES ANGULAR DIMENSIONS					
LESS THAN 90°	90° TO 120°	120° TO 150°	150° TO 180°	OVER 180°	
+/- 1°	+/- 0°30'	+/- 0°20'	+/- 0°10'	+/- 0°5'	

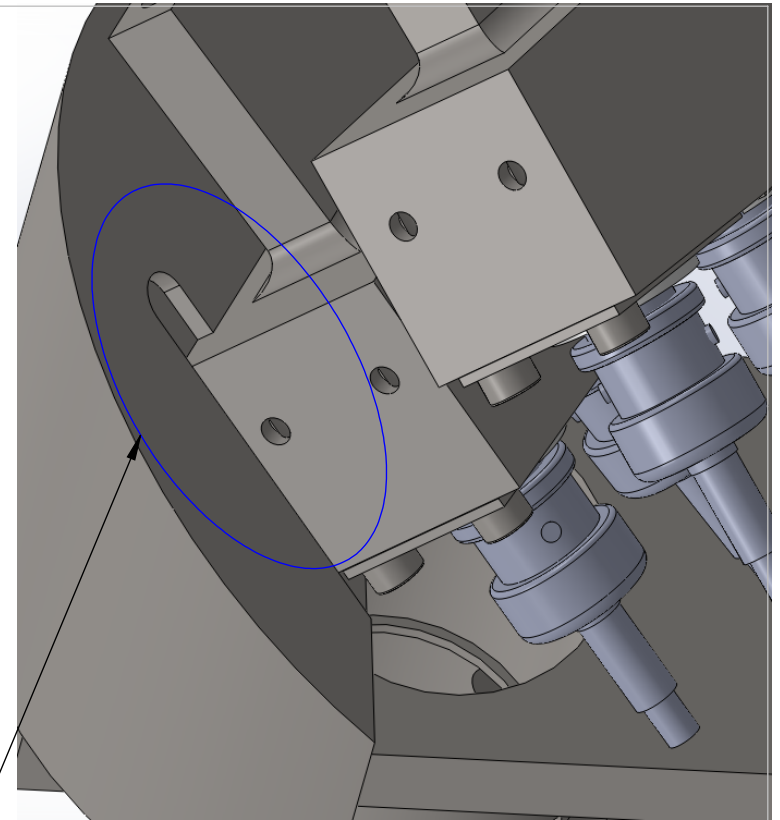
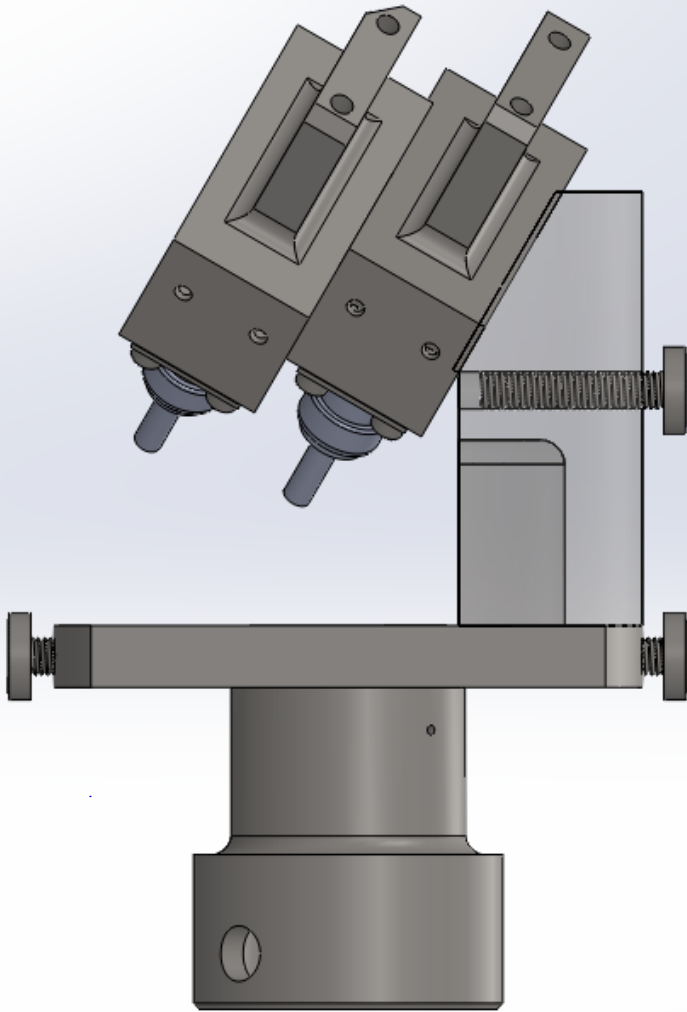
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DO NOT SCALE DRAWING

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

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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LESS THAN 90°	90° TO 120°	120° TO 150°	OVER 120° TO 400°	OVER 400° TO 1000°	
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**PROTON DETECTOR
ASSEMBLED CONNECTOR**

SIZE	DWG. NO.	REV
A	PD_22_connector_assembled	

SHEET 2 OF 2