

**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	+/- 0.2	+/- 0.3	+/- 0.5	+/- 0.8
TOLERANCES ANGULAR DIMENSIONS					
10 OR LESS	OVER 10 TO 50	OVER 50 TO 120	OVER 120 TO 400	OVER 400	
+/- 1°	+/- 0°30'	+/- 0°20'	+/- 0°10'	+/- 0°5'	

**PROPRIETARY AND CONFIDENTIAL**  
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DO NOT SCALE DRAWING



MATERIAL SS316, PEEK 1000

NAME DATE

DRAWN RAMONA V PEREZ 06/13/13

CHECKED RAMONA V PEREZ 06/19/13

UNLESS OTHERWISE STATED DIMENSIONS ARE IN MM

REMOVE ALL BURRS AND SHARP EDGES

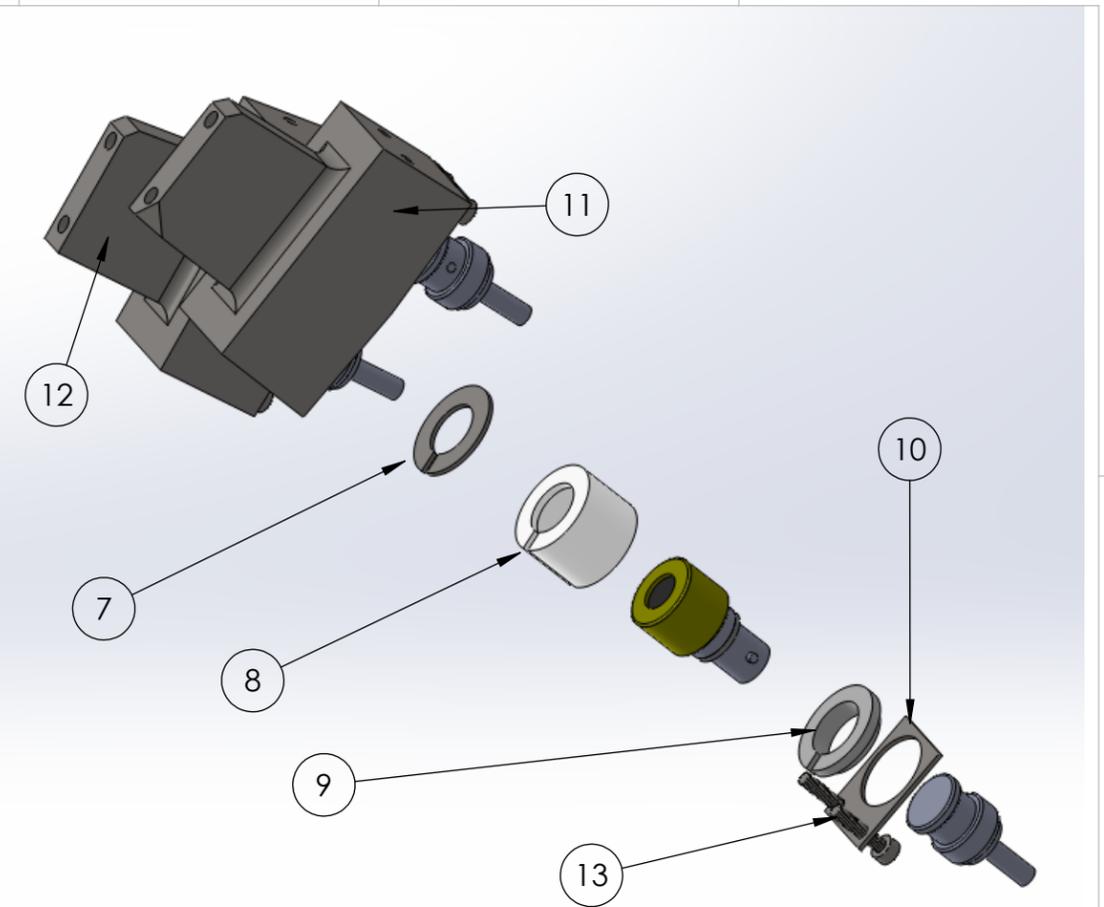
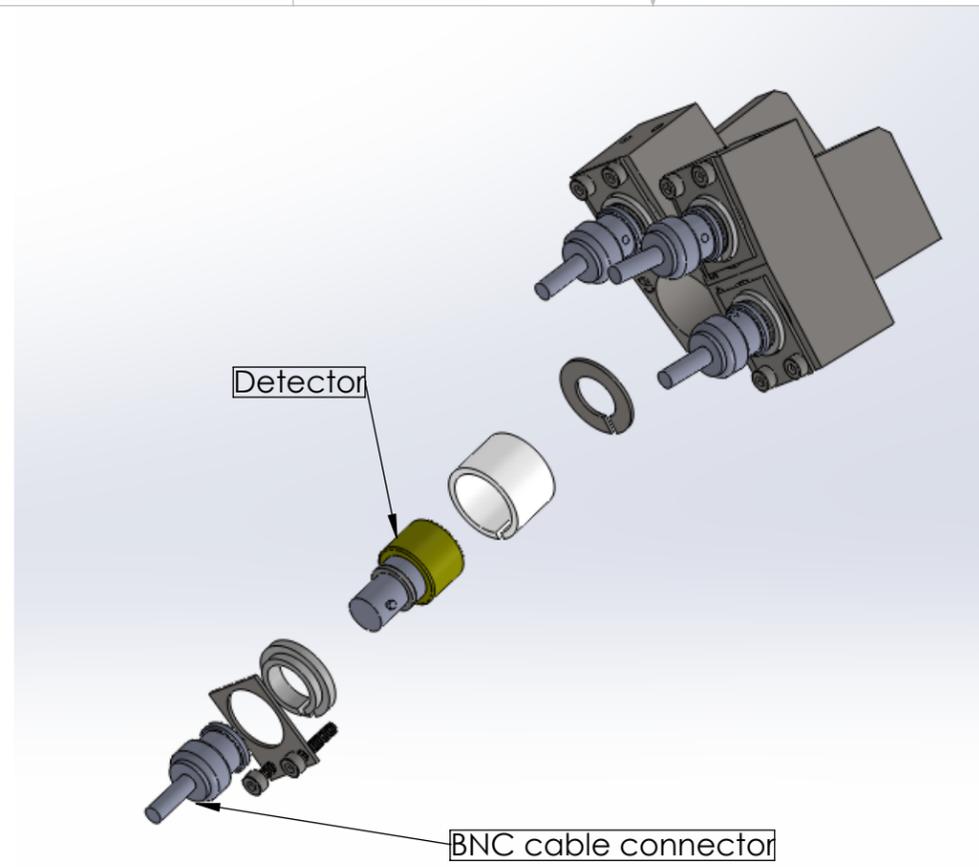
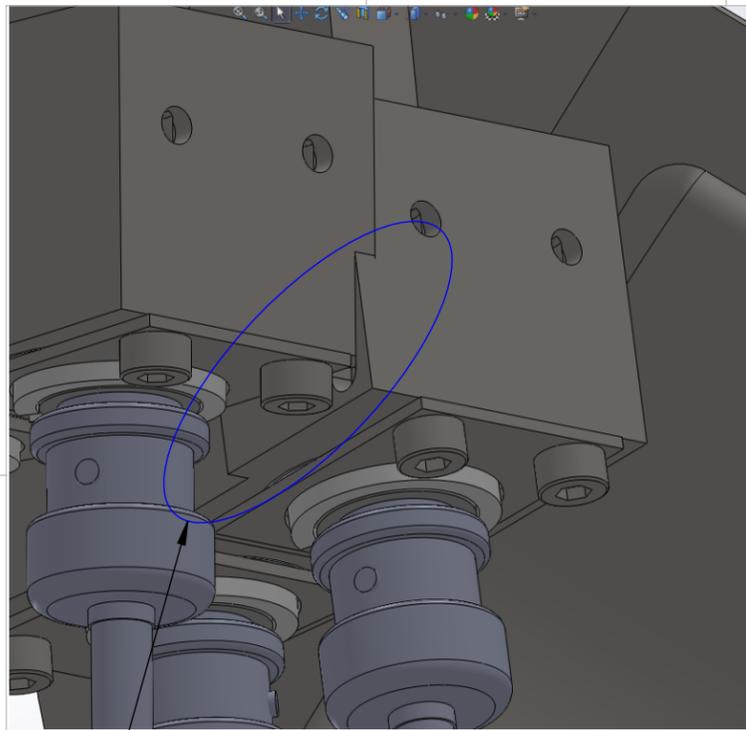
TITLE:  
**PROTON DETECTOR  
ASSEMBLED MODULE**

SIZE **B** DWG. NO. PD\_22\_Module\_assembled REV

SHEET 1 OF 2

8 7 6 5 4 3 2 1

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



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

PARTS LIST			
ITEM	TITLE	DWG. NO.	QUANTITY
6	NO ITEM 6	N/A	N/A
7	PROTON DETECTOR WASHER	PD_22_Washer	4
8	PROTON DETECTOR PEEK SLEEVE	PD_22_Peek_sleeve	4
9	PROTON DETECTOR PEEK BOTTOM	PD_22_Peek_bottom	4
10	PROTON DETECTOR MODULE BASE	PD_22_base	4
11	PROTON DETECTOR MODULE A	PD_22_b	1
12	PROTON DETECTOR MODULE B	PD_22_a	1
13	McMaster-Carr PN#92290A118		8

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SIZE	DWG. NO.	REV
<b>B</b>	PD_22_Module_assembled	