



SolidWorks Student Edition.  
For Academic Use Only.

NOTES:  
1. ALL MACHINING TOLERANCES TO +/-0.2mm EXCEPT WHERE SHOWN OTHERWISE.  
2. THREAD FOR M6 X1 MACHINE SCREW.  
3. THIS PROVIDES FOR PLACEMENT OF CORNER OF PROTON DETECTOR MODULE A PIECE DURING WELDING.

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'	

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INFORMATION CONTAINED IN THIS  
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DO NOT SCALE DRAWING



MATERIAL		
SS316		
NAME		DATE
DRAWN	RAMONA V PEREZ	06/13/13
CHECKED	RAMONA V PEREZ	07/02/13
UNLESS OTHERWISE STATED DIMENSIONS ARE IN MM		REMOVE ALL BURRS AND SHARP EDGES

TITLE:  
PROTON DETECTOR  
CONNECTOR

SIZE	DWG. NO.	REV
B	PD_22_connector	

SCALE: 1:1 WEIGHT: 0.64kg SHEET 1 OF 1