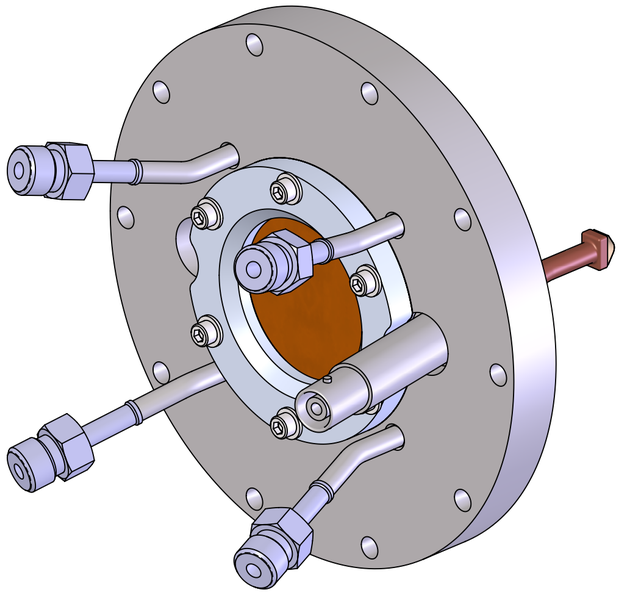
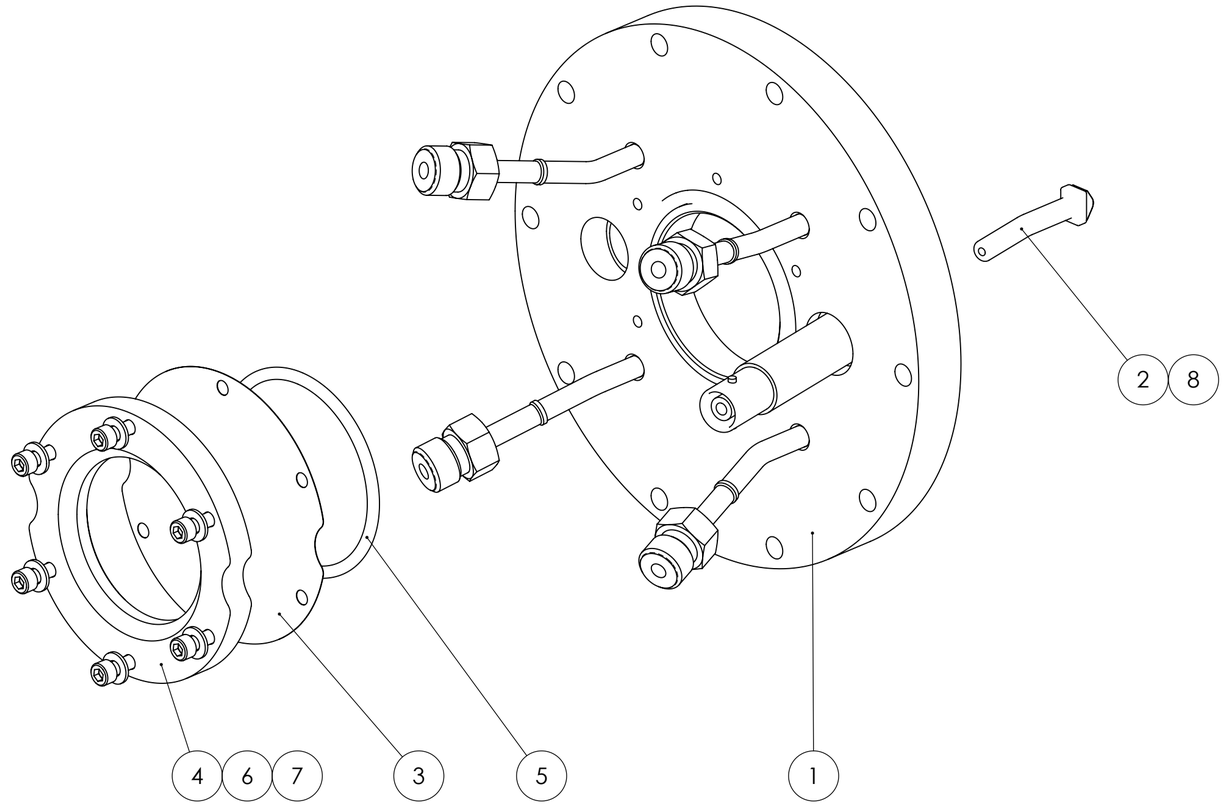
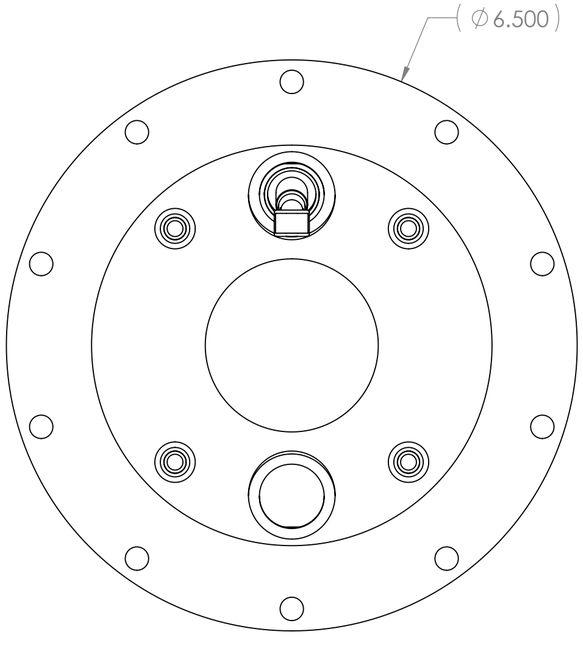
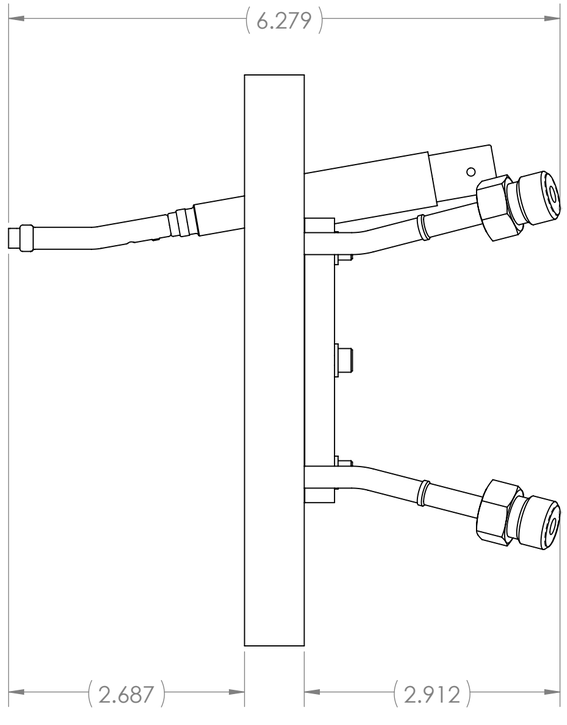
REVISIONS				
REV.	DESCRIPTION	MD WO #	DATE	BY
1	Released	W04047-002	10-MAY-2016	PMG









ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL	QTY.
1	N3010217-MDE-0002-0005	Upstream Feedthrough Flange	WELDMENT	1
2	N3010217-MDE-0002-0008	High Voltage Contact	SOLDERMENT	1
3	N3010217-MDE-0002-0024	Beam Entry Window	Kapton HN	1
4	N3010217-MDE-0002-0025	Beam Entry Window Frame	6061-T6 Alum	1
5	N3010217-MDE-0002_O-Ring	O-Ring - 1/8" W x 2 1/4" I.D. (AS568-228)	VITON	1
6	Narrow FW 0.164-SZP	Flat Washer - #8	STEEL, ZINC PLATED-GRADE 5 MINIMUM	6
7	HX-SHCS 0.164-32x0.625x0.625-N-SBO	Hex Socket Head Cap Screw - #8-32 x 5/8" long	STEEL, BLACK OXIDE COATED-GRADE 5 MINIMUM	6
8	SSCUPSKT 0.086-56x0.09375-HX-N-SS1	Socket Set Screw Cup Point, Size #2-56, Length 0.09375	STAINLESS STEEL, AISI TYPE 304 (18-8)	1

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N3010217-MDE-0002-0000

NEXT ASSEMBLY

UNLESS OTHERWISE SPECIFIED:

DIMENSIONS ARE IN INCHES
BREAK ALL SHARP EDGES .02 MAX.
REMOVE ALL BURRS
30 Deg. CHAMFER ENDS ALL THREADS
MACHINE SURFACE FINISH 63

DO NOT SCALE DRAWING

Dimension Tolerances	
1 Place Dec.	±.030
2 Place Dec.	±.010
3 Place Dec.	±.005
"Stock"	±.060
Angles	±.5°

National Superconducting Cyclotron Laboratory
MICHIGAN STATE UNIVERSITY - East Lansing, Michigan

DRAWN BY	GLENNON
DATE	MAY 2016
SCALE	3:4
SIZE	C
MATERIAL	ASSEMBLY
Project / System Reference	**Proton Detector**
DESCRIPTION	**Upstream Subassembly**
PART #	**N3010217-MDE-0002-0004**
REV	**1**