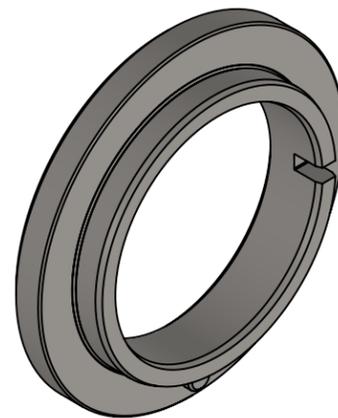
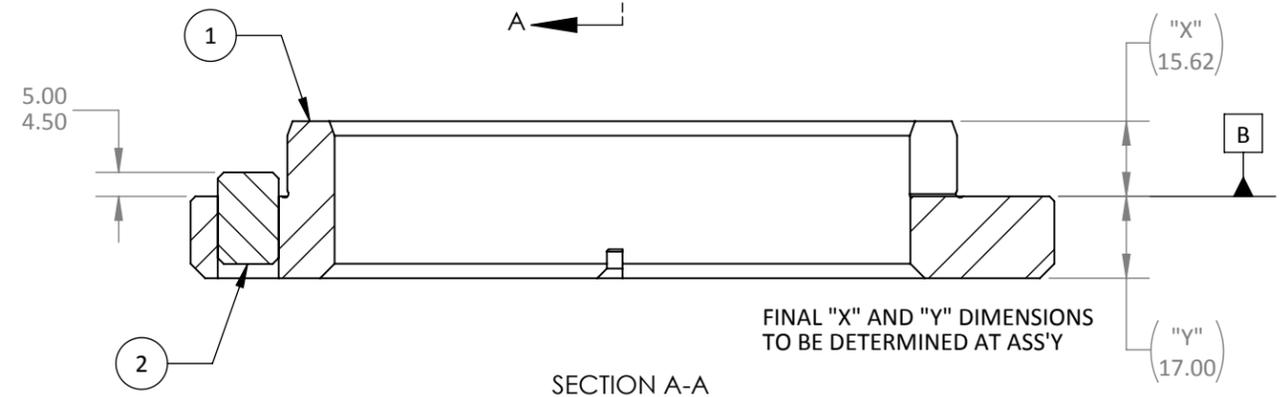
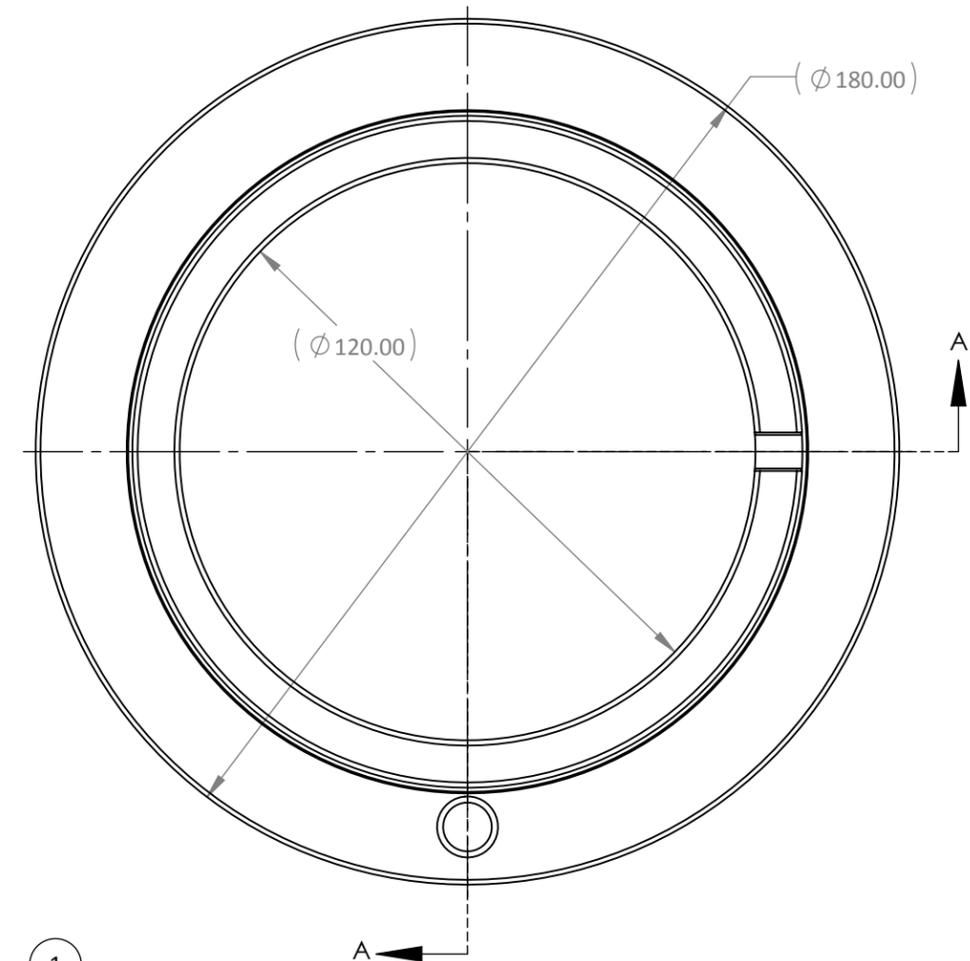
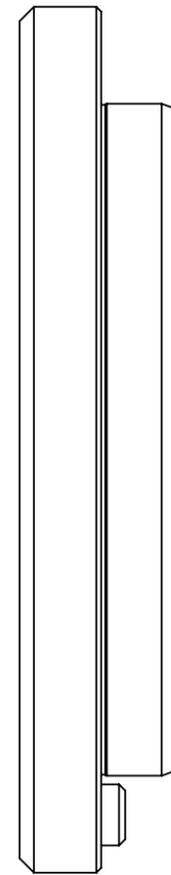
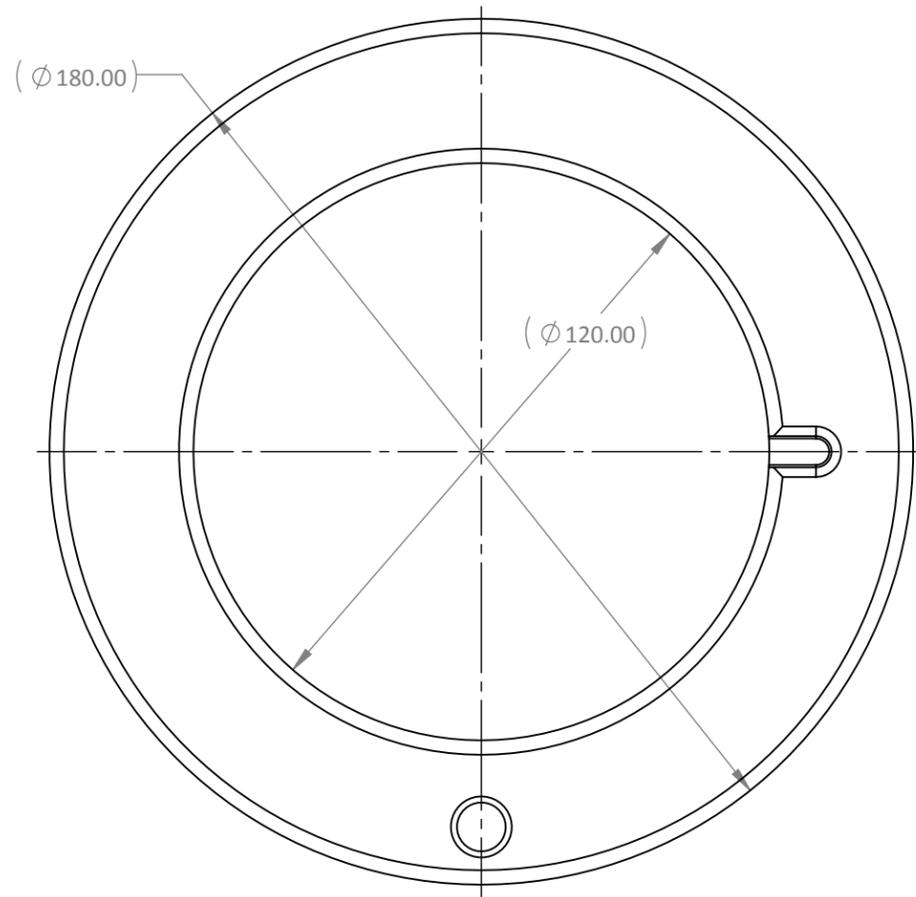


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	254548	SPACER, PLANET PIN BEARING	1
2	98316	DOWEL, PIN ALLOY STEEL .50" DIAMETER x .75" LONG	1



ISOMETRIC VIEW
SCALE 1 : 3

REV	CHANGED FROM	BY	DATE	APRD
A	PRE-RELEASE	CPS	1/14/13	
B	CHANGES PER NREL DRW REVIEW. UPDATE BORDER	CPS	3/13/13	
C	RELEASE FOR PRODUCTION	CPS	4/19/13	
D	CHANGES REQUESTED PER MANUFACTURER DRW REVIEW	CPG	1/14/14	

REPORT ERRORS & CHANGES
REMOVE ALL BURRS AND SHARP EDGES
DIMENSIONS ARE IN MILLIMETERS.
UNSPECIFIED TOLERANCES:
DECIMALS: FINISH: ANGLES:

X. ±1.0 6.3 / $\sqrt{\mu\text{m Ra}}$ $\leq \pm 0.5^\circ$
.X ±0.5
.XX ±0.25

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DRAWN: CPS DATE: 1/14/13
CHECKED: NJB THIRD ANGLE PRJ

National Renewable Energy Laboratory

TITLE: **RETAINER ASS'Y, PLANET PIN BEARING**

SIZE: **B** DWG. NO. **254711** REV: **D**

SCALE: 2:3 WEIGHT: 2.32 kgs SHEET 1 OF 1