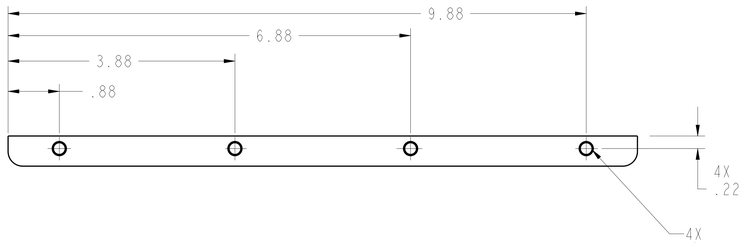
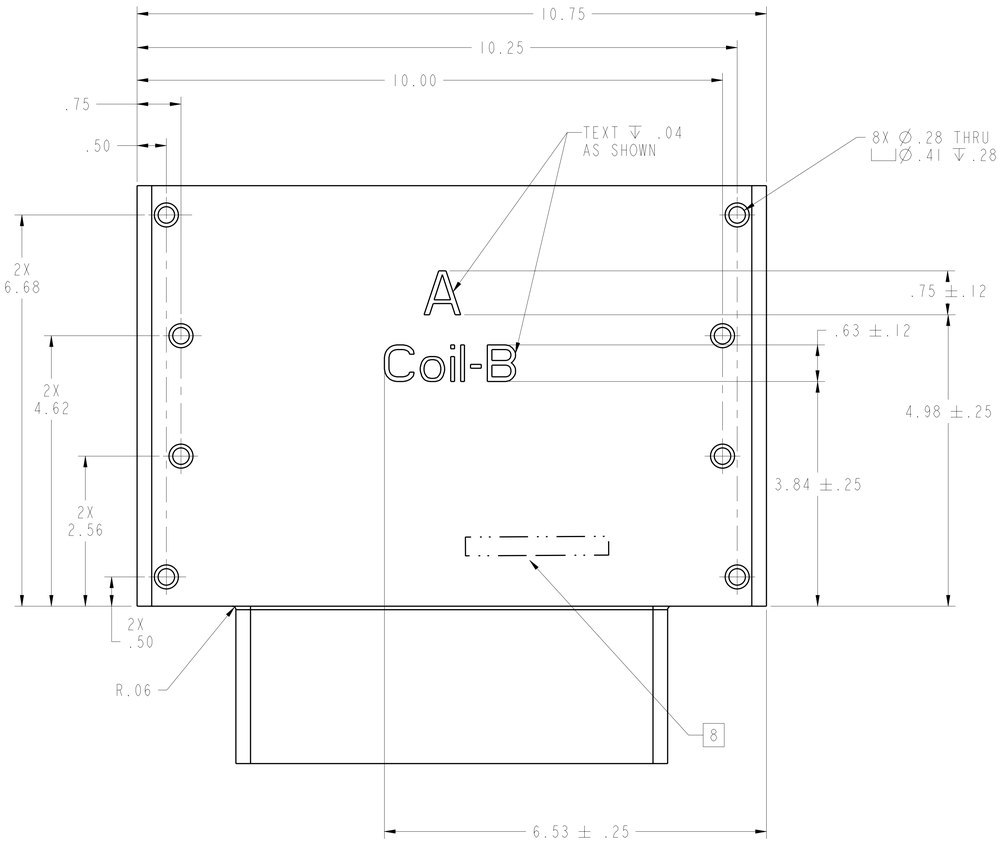
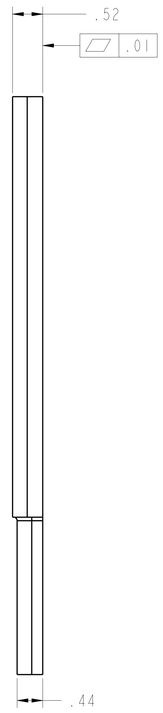
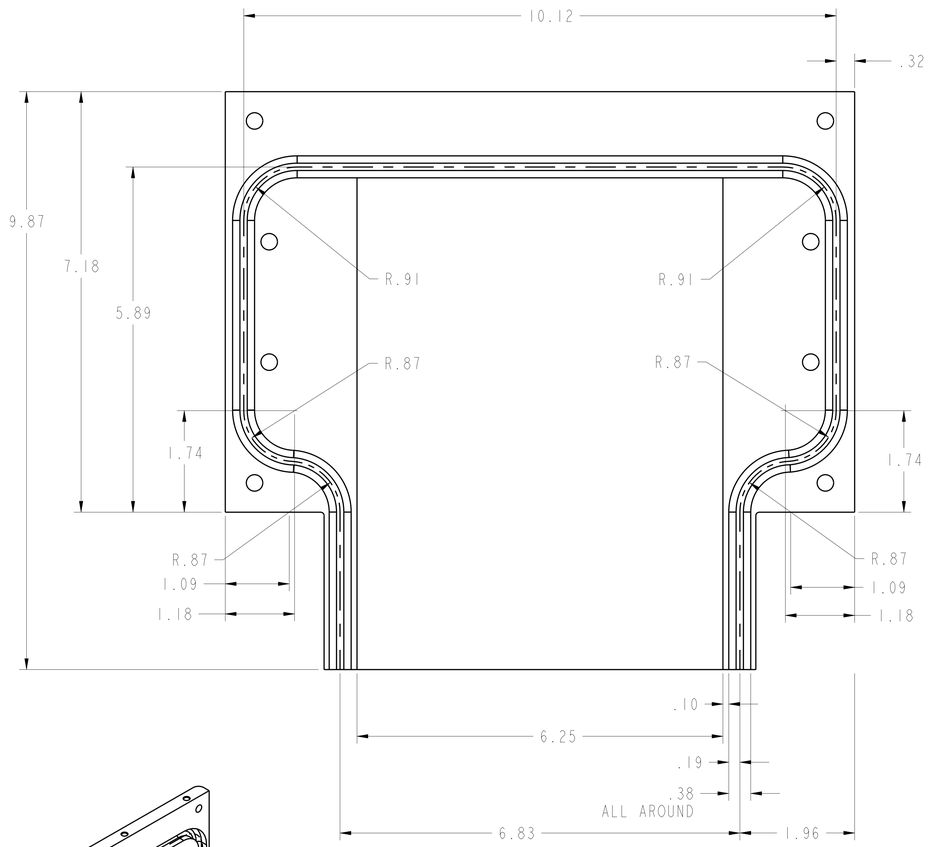
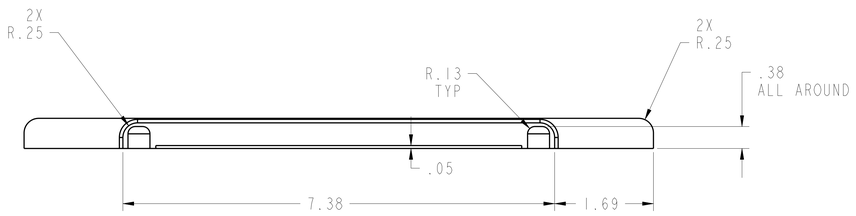


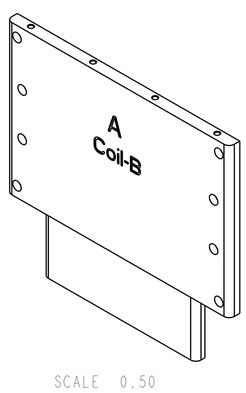




1
SCALE 1.00
WEIGHT = 3.4 LBS

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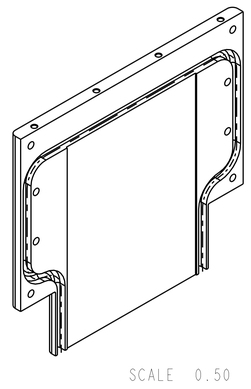

SCALE 0.50

## ISOMETRIC VIEWS

NOTES:
1. DRAWING PREPARED IN ACCORDANCE WITH ASME Y14.100-2000.
2. INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y14.5M
3. DIMENSIONS ARE IN INCHES
4. DIMENSIONS APPLY AT ROOM TEMPERATURE. OPERATING TEMP 80 K.
5. GEOMETRY IS DEFINED IN PRO ENGINEER CAD MODELS/FILES SE142B-220.PRT
6. DRAWING AND MODELS COMBINED DEFINE FINISHED MACHINED PART.
7. IN THE EVENT OF A DISCREPANCY BETWEEN THE CAD MODEL AND DRAWING, THE CAD MODEL SHALL TAKE PRECEDENCE.
8. MARK DRAWING NUMBER AND REVISION WITH 1/4 INCH HIGH LETTERS IN THE AREA SHOWN.

**RELEASED FOR FABRICATION / INSTALLATION**
PPPL Drafting: ? Jerry Siegel 2006.10.24 10:03:17 -05'00'

| AR | | | -1 | SIDE "A" SIDE PLATE | NEMA GRADE G11CR | | 1 |
|---|---|---|---|---|---|---|---|
| SE142B 000 | -1 | CAGE CODE | PART OR IDENTIFYING NO | NOMENCLATURE OR DESCRIPTION | MATERIAL | SPECIFICATION | FIND NO |
| | | NEXT ASSEMBLY | | PARTS LIST | | | |

SE142B-220

NO REPRESENTATION OR WARRANTY,EXPRESSED OR IMPLIED,IS MADE AS TO THE ACCURACY, COMPLETENESS OR USEFULNESS OF THE INFORMATION OR STATEMENTS CONTAINED IN THESE DRAWINGS, OR THAT THE USE OR DISCLOSURE OF ANY INFORMATION, APPARATUS, METHOD OR PROCESS DISCLOSED IN THESE DRAWINGS MAY NOT INFRINGE PRIVATE RIGHTS OF OTHERS. NO LIABILITY IS ASSUMED WITH RESPECT TO THE USE OF, OR FOR DAMAGES RESULTING FROM THE USE OF, ANY INFORMATION, APPARATUS, METHOD OR PROCESS DISCLOSED IN THESE DRAWINGS. DRAWINGS MADE AVAILABLE FOR INFORMATION TO BIDDER ARE NOT TO BE USED FOR OTHER PURPOSES, AND ARE TO BE RETURNED UPON REQUEST OF THE FORWARDING CONTRACTOR.

P THIS DRAWING PRODUCED ON PRO-ENGINEER

| REV | DESCRIPTION | BY | DATE | CHK | DEPT | DATE | PE | REQ | DATE | ORNL | DOE | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | REVISION OR ISSUE PURPOSE | REVISION APPROVAL | | | | | | | | | | |

SCALE NOTED
TOLERANCES UNLESS OTHERWISE SPECIFIED
FRACTIONS
XX DECIMALS ±.01
XXX DECIMALS ±.005
ANGLES ±0°15'
BREAK SHARP EDGES .06 MAX
FINISH 125 UNLESS OTHERWISE SPECIFIED

| DRAWING APPROVALS | | DATE |
|---|---|---|
| DES | P FOGARTY | 02/06 |
| DRW | G LOVETT | 02/06 |
| CHK | M COLE | 02/06 |
| SECT | : | : |
| DEPT | : | : |
| PE | D WILLIAMSON | 10/06 |
| CR | : | : |
| PJ | : | : |
| REQ | : | : |
| PPPL DRFT | J SIEGEL | 10/06 |
| | : | : |
| | : | : |

UT-BATTELLE
Oak Ridge National Laboratory
managed for the DEPARTMENT OF ENERGY under U.S. GOVERNMENT contract DE-AC05-000R22725
UT-BATTELLE, LLC. Oak Ridge, Tennessee

PROJECT NAME: NATIONAL COMPACT STELLARATOR EXPERIMENT

MODULAR COIL TYPE-B
SIDE-A SIDE PLATE
DETAIL

| VERSION NO. | PLANT | BLDG | FL | SHT | OF | TYPE | CLASS |
|---|---|---|---|---|---|---|---|
| 12 | X-10 | 5700 | 3 | 1 | 1 | S | U |

RELEASE LEVEL: Fabrication
SE142B-220
REV 0