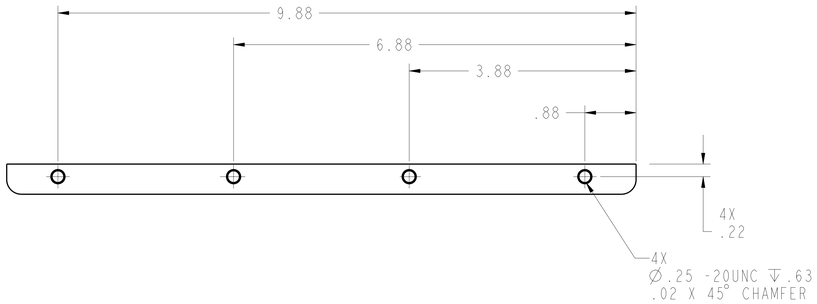
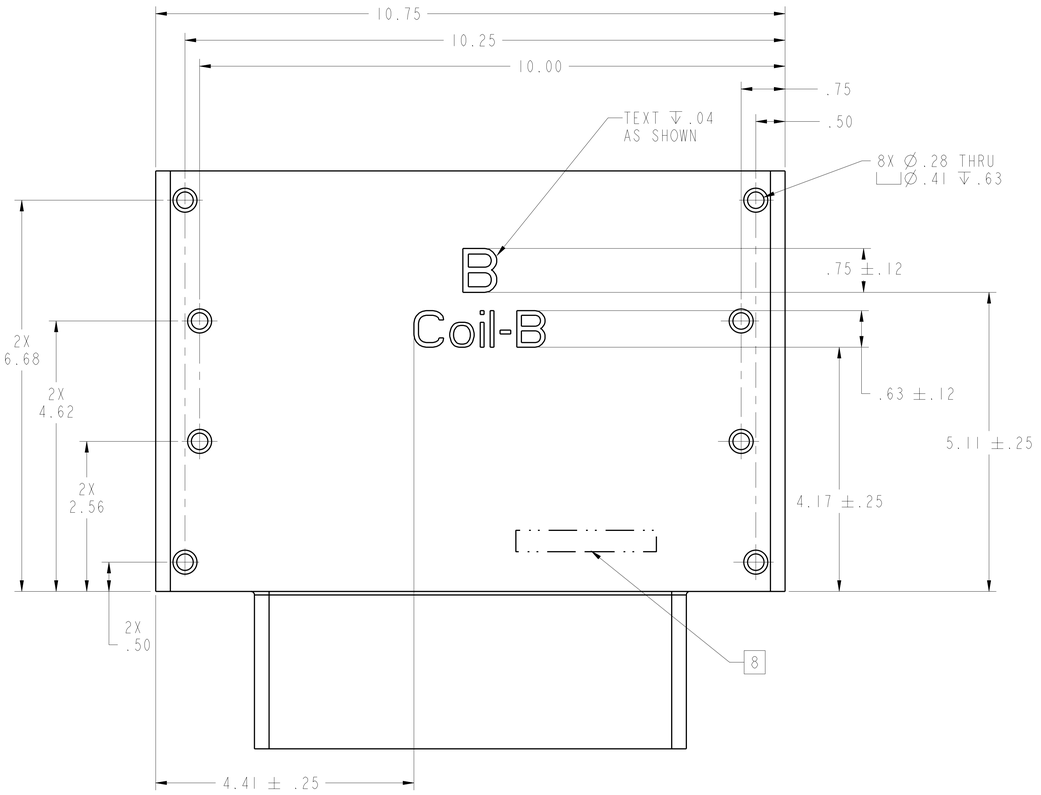
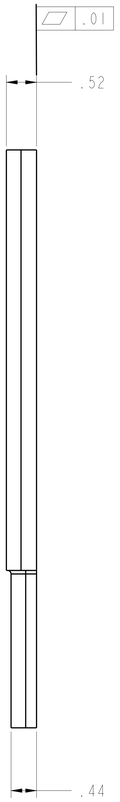
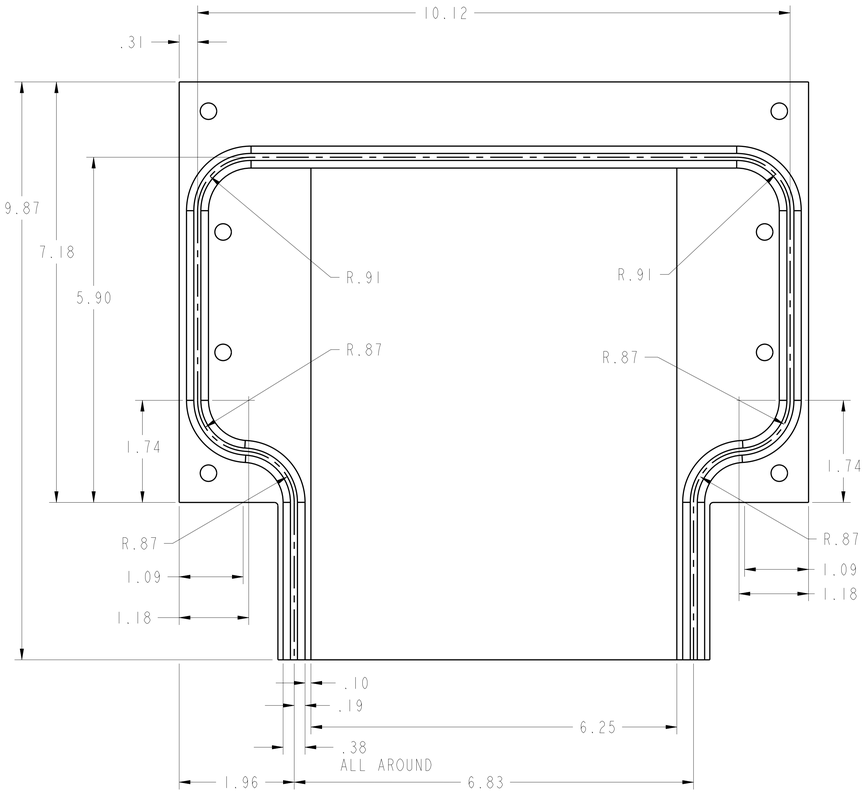
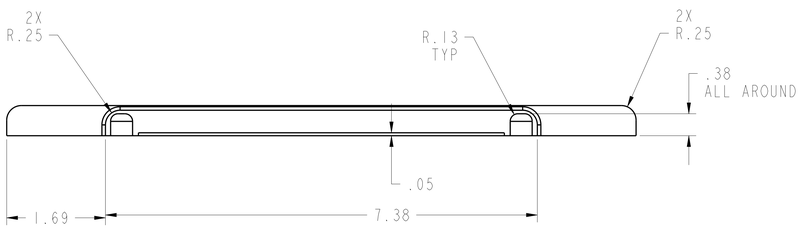






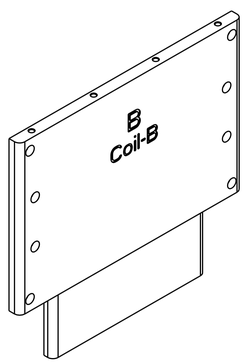




1

SCALE 1.00

WEIGHT = 3.4 LBS



ISOMETRIC VIEW

SCALE 0.50

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-221.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 10:01:10 -05'00'

AR			- 1	SIDE "B" 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-221

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	10/06
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-AC05-00OR22725
UT-BATTELLE, LLC. Oak Ridge, Tennessee

PROJECT NAME: NATIONAL COMPACT STELLARATOR EXPERIMENT

MODULAR COIL TYPE-B
SIDE-B SIDE PLATE
DETAIL

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

RELEASE LEVEL: Fabrication

SE142B-221

REV 0

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P THIS DRAWING PRODUCED ON PRO-ENGINEER