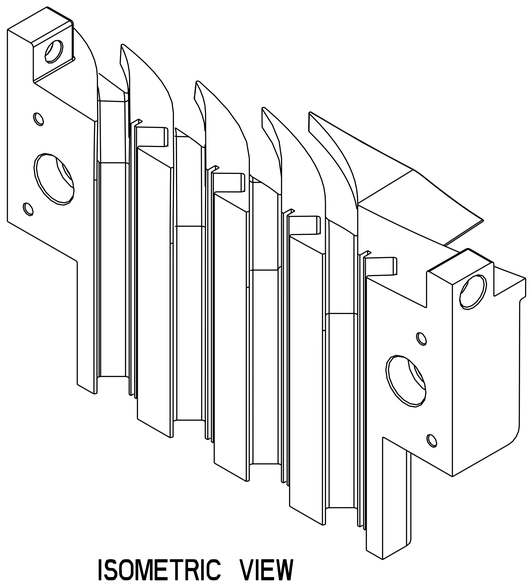
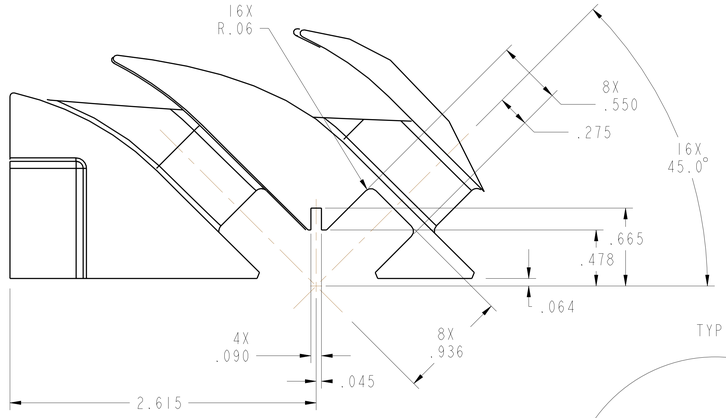


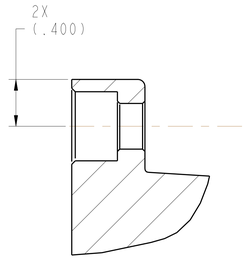
ISOMETRIC VIEW

SCALE 1.00



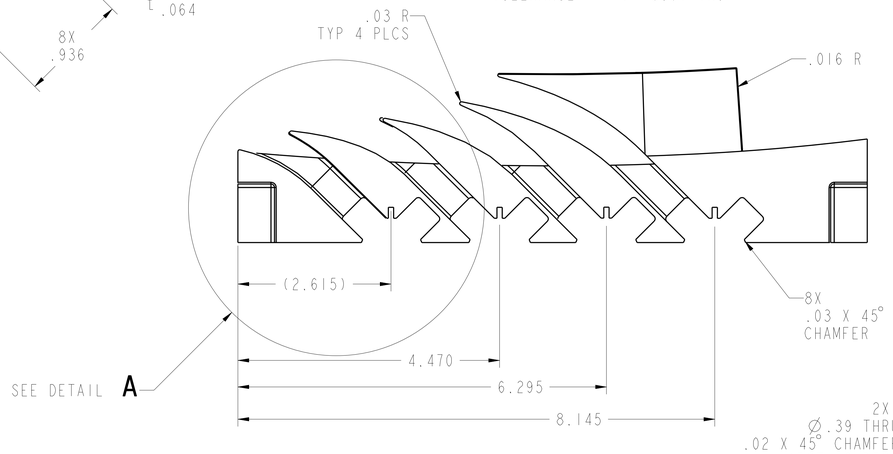
DETAIL A

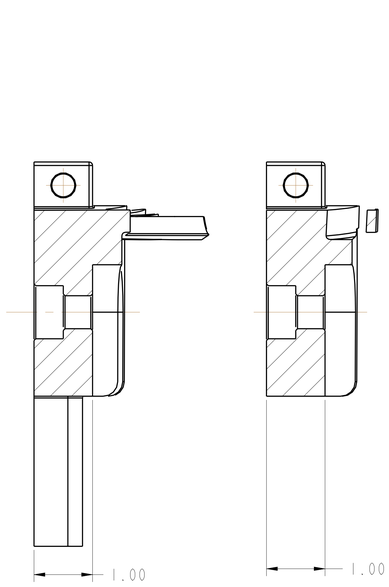
SCALE 2.00



SECTION C-C

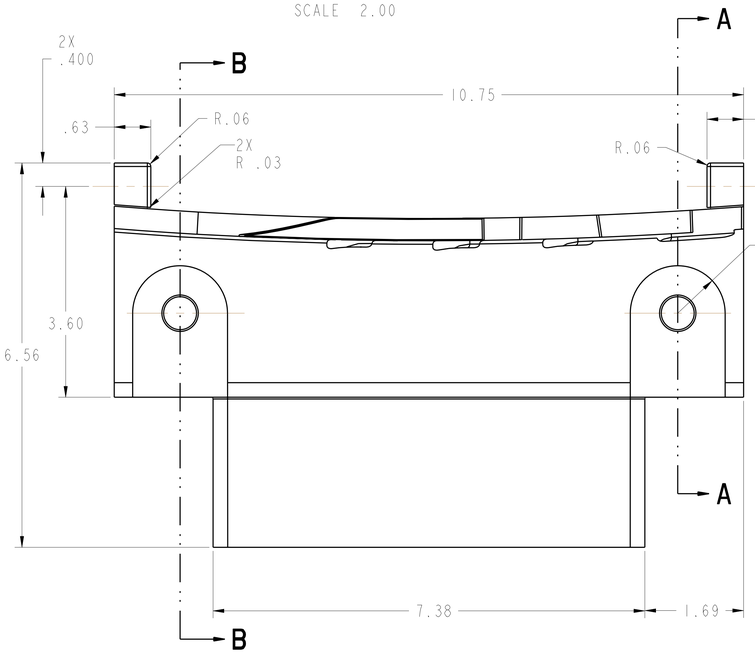
SCALE 2.00

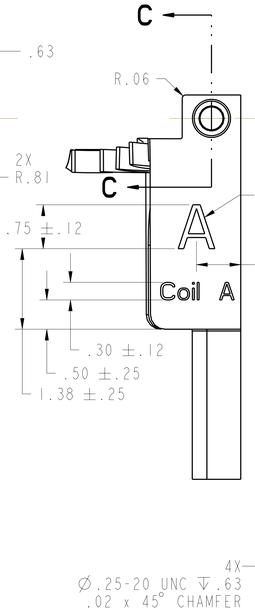


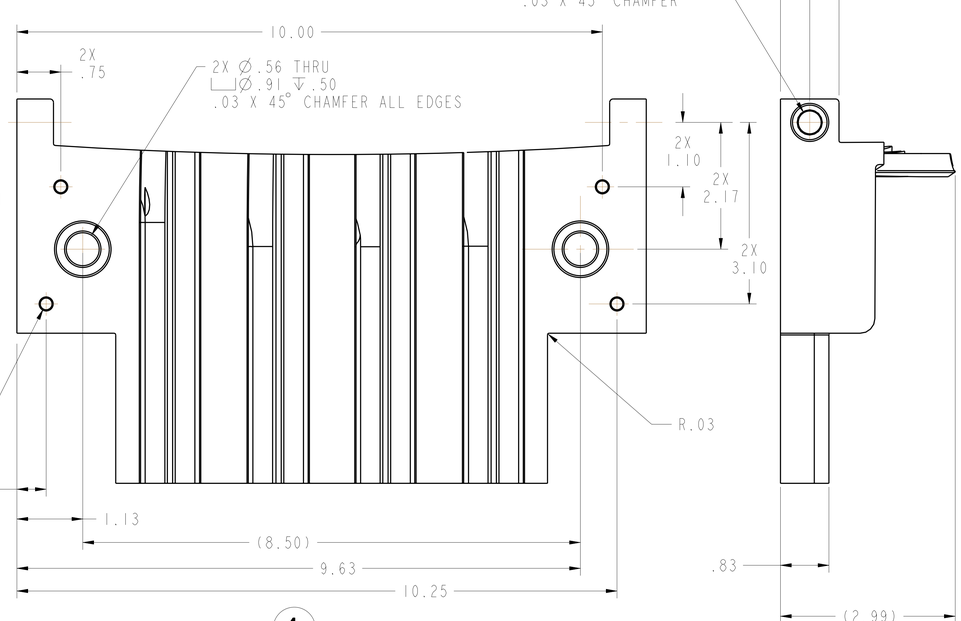


SECTION B-B

SECTION A-A







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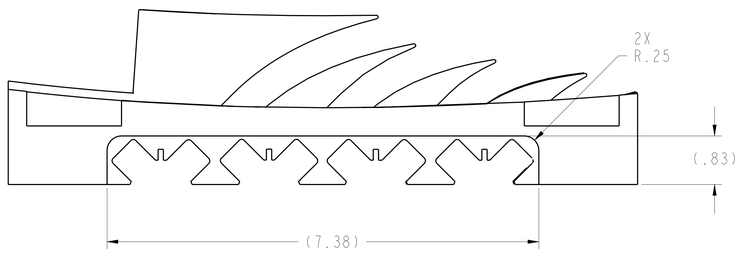
SCALE 1.00



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 SE142A-134.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. UNLESS OTHERWISE SPECIFIED, MACHINED SURFACES SHALL HAVE A PROFILE TOLERANCE = +/- 0.01 IN.

RELEASED FOR FABRICATION / INSTALLATION
PPPL Drafting: Jerry Siegel 2006.03.10 11:01:07 -05'00'

next assy	AR		-1	SIDE "A" LOWER LEAD BLOCK	NEMA GRADE G11CR			I
SE142A-080	CAGE CODE	← NEXT ASSEMBLY	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL	SPECIFICATION		FIND NO
			PARTS LIST					

SE142A-134 B

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	DEO	DATE	ORNL	DOE	DATE
	REVISION OR ISSUE PURPOSE	REVISION APPROVAL										

SCALE NOTED			
TOLERANCES UNLESS OTHERWISE SPECIFIED	DES	P FOGARTY	02/06
	DRW	G LOVETT	02/06
	CHK	M COLE	02/06
	SECT	:	:
FRACTIONS	DEPT	:	:
XX DECIMALS ±.01	PE	D WILLIAMSON	02/06
XXX DECIMALS ±.005	CR	:	:
ANGLES ±0° 15'	PJ	:	:
BREAK SHARP EDGES .06 MAX	REQ	:	:
FINISH 125 UNLESS OTHERWISE SPECIFIED	PPPL DRFT	J SIEGLE	02/06
		:	:
		:	:
	DRAWING APPROVALS		DATE

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-A
SIDE-A LOWER LEAD BLOCK
DETAIL

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

RELEASE LEVEL: Fabrication — SE142A-134 — REV 0