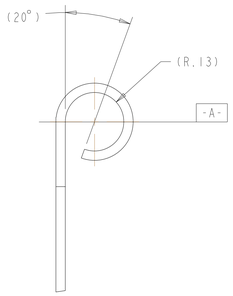
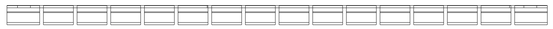
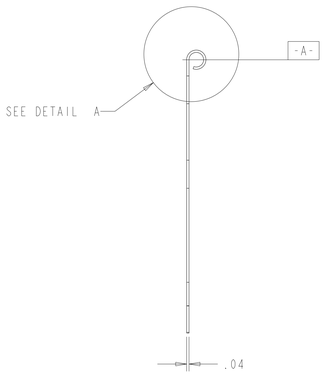
NOTES:

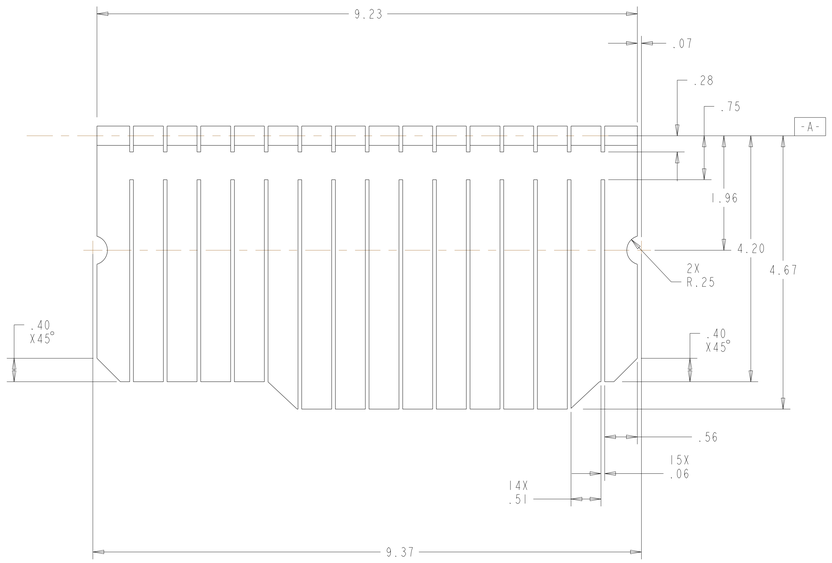
1. INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y14.5M
2. DIMENSIONS ARE IN INCHES
3. DIMENSIONS APPLY AT ROOM TEMPERATURE. OPERATING TEMP 80 K.
4. GEOMETRY IS DEFINED IN PRO ENGINEER CAD MODELS/FILES SE1406-065.PRT
5. DRAWING AND MODELS COMBINED DEFINE FINISHED MACHINED PART.



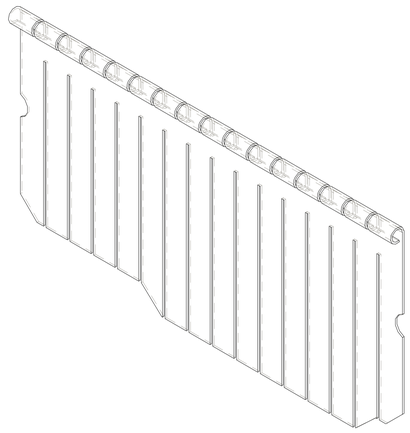


DETAIL A
SCALE 4.0

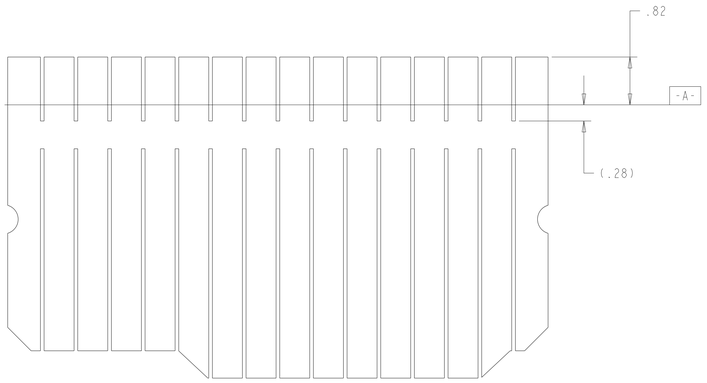




1
SCALE 1 : 1



ISOMETRIC VIEW



FLAT PATTERN FOR REFERENCE

SCALE 1 : 1

NOTE:
FLAT PATTERN TYPICAL FOR
SE1406-065.PRT
AND SE1406-067.PRT

RELEASED FOR FABRICATION / INSTALLATION
PPPL Drafting ? Jerry Siegel
2005.03.09 08:51:18 -05'00'

next assy	ITEM	CAGE CODE	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL	SPECIFICATION	FIND NO
SE1406-010	1		-1	CHILL PLATE	COPPER	UNS C10200	1
	←		NEXT ASSEMBLY	PARTS LIST			

SE1406-065

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	DES	PJ FOGARTY	3-2-05
	DRW	G LOVETT	3-2-05
	CHK	:	:
	SECT	:	:
FRACTIONS :	DEPT	:	:
XX DECIMALS ±.01	PE	D WILLIAMSON	3-2-05:
XXX DECIMALS ±.005	CR	:	:
ANGLES ±0°15'	PJ	:	:
BREAK SHARP EDGES .06 MAX	REQ	:	:
FINISH .125 UNLESS OTHERWISE SPECIFIED	PPPL DRFT	J SIEGEL:	3-05:
		:	:
		:	:
	DRAWING APPROVALS		DATE

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P THIS DRAWING PRODUCED ON PRO-ENGINEER

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

TRC UPPER LEAD BLOCK ENCLOSURE
CHILL PLATE
SIDE "B"

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

RELEASE LEVEL: Fabrication
SE1406-065
REV 0