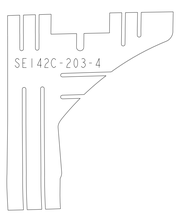
NEXT ASS'Y: FINAL ASS'Y:

NOTES:

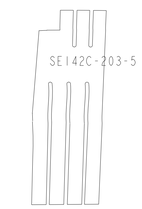
1. DRAWING PREPARED IN ACCORDANCE WITH ASME Y14.100-2000.
2. INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M-1994.
3. DIMENSIONS ARE IN INCHES.
4. DRAWING DEPICTS FLAT PATTERN OF FORMED PARTS DEFINED BY PRO/ENGINEER FILE SE142C-203.PRT.
5. PROFILE TOLERANCE OF FLAT PATTERN IS +/-.010 IN.
6. THICKNESS IS 0.040 +/-.006 IN. PER ASTM B248.
7. REMOVE ALL BURRS AND SHARP EDGES.
8. IDENTIFY ALL PARTS WITH "PART NAME" BY ETCHING OR PERMANENT MARKER.



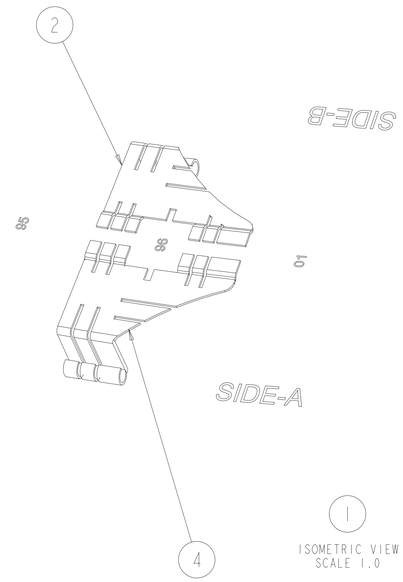
2
SCALE 1.0

3
SCALE 1.0

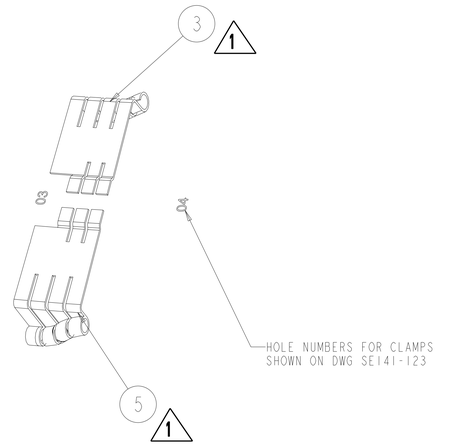
4
SCALE 1.0



5
SCALE 1.0



1
ISOMETRIC VIEW
SCALE 1.0



	1		-5	SIDE-A LONG PLATE	1 COPPER, ANNEALED UNS C10100, C10200, OR C11000 ETP	5
	1		-4	SIDE-A SHORT PLATE	1 COPPER, ANNEALED UNS C10100, C10200, OR C11000 ETP	4
	1		-3	SIDE-B LONG PLATE	1 COPPER, ANNEALED UNS C10100, C10200, OR C11000 ETP	3
	1		-2	SIDE-B SHORT PLATE	1 COPPER, ANNEALED UNS C10100, C10200, OR C11000 ETP	2
AR	X		-1	SPECIAL CHILL PLATES ASM AND DETAILS		1
SE140-103	-	CAGE CODE	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL / SPECIFICATION	FIND NO
		NEXT ASSEMBLY		PARTS LIST		

SE142C-203

REV	DESCRIPTION	BY	DATE	CHK	DEPT	DATE	PE	REQ	DATE	ORNL	DOE	DATE
1	REVISE PART AND DRAWING PER ECN 5140	GLL	7-06	MJC			DEW					

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	FOGARTY	12-05
DRW	WILLIAMSON	12-05
CHK	M. COLE	12-05
SECT	:	:
DEPT	:	:
PE	WILLIAMSON	12-05
CR	:	:
PJ	:	:
REQ	:	:
PPPL DRFT	J SIEGEL	12-05
	:	:
	:	:

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-C
SPECIAL CHILL PLATES ASM AND DETAILS

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

RELEASE LEVEL: WIP
SE142C-203
REV: 1

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