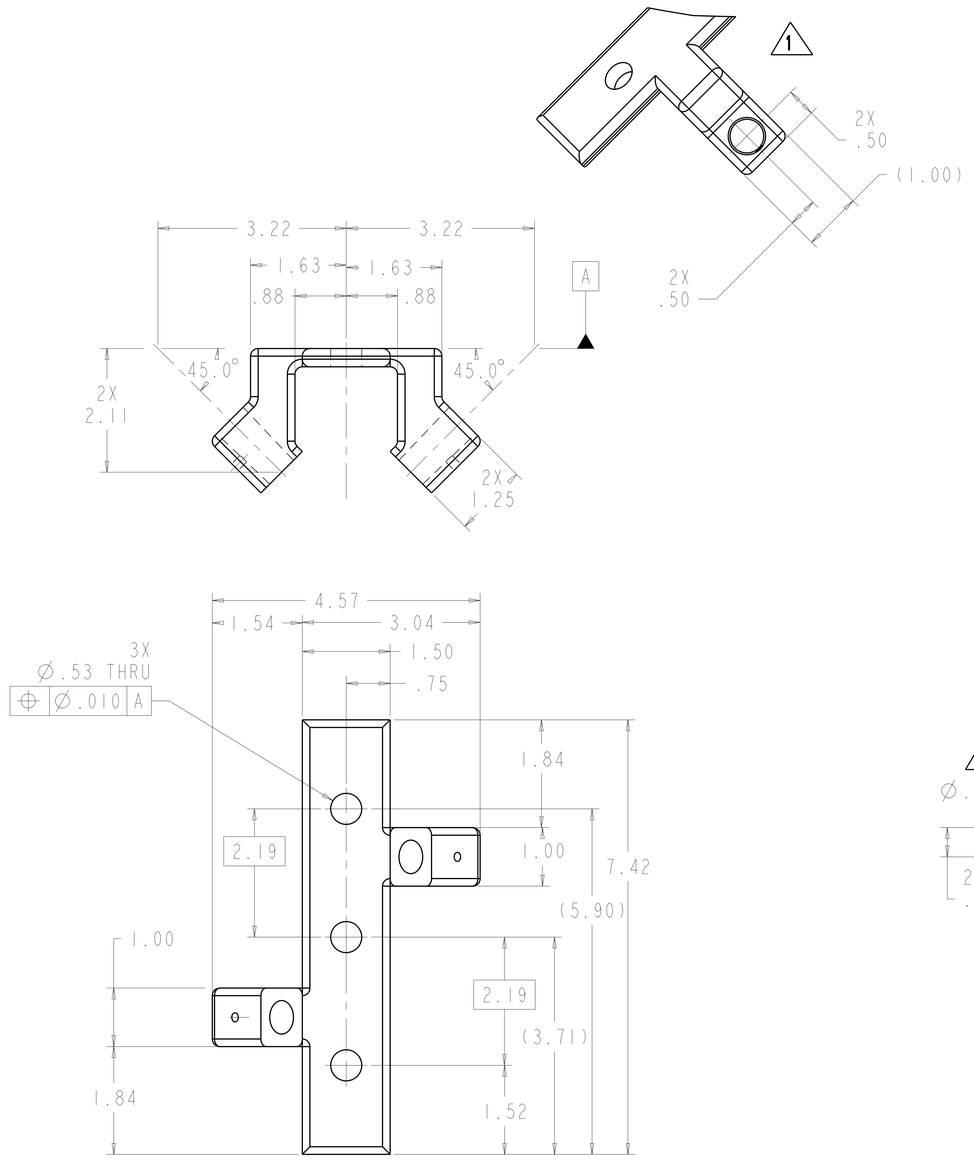
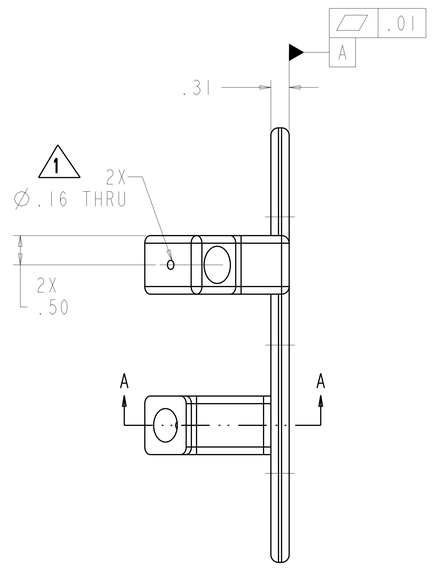
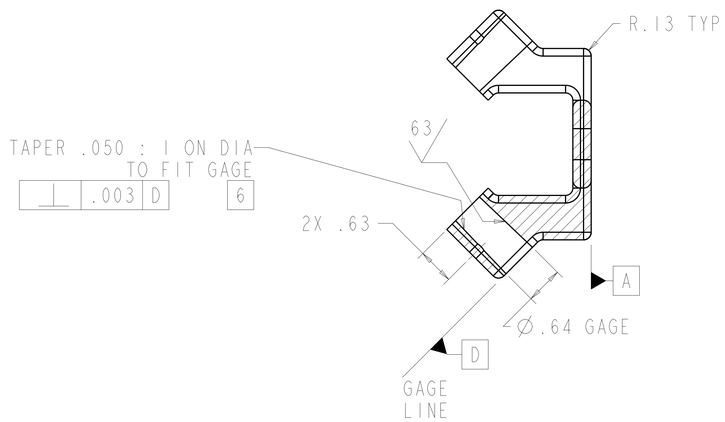


1 TERMINAL JUMPER

SCALE 1 : 1



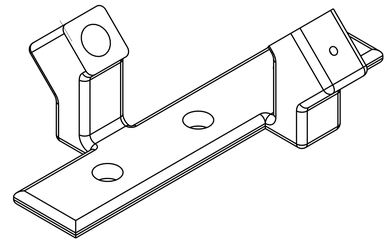


SECTION A-A 1

TYP BOTH ENDS

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 SE142C-052.PRT
5. DRAWING AND MODELS COMBINED DEFINE FINISHED MACHINED PART.
6. SILVER PLATE 10 MICRON THICK PER ASTM B700 TYPE 1, GRADE C, CLASS S. APPLY NICKEL INTERMEDIATE LAYER >1 MICRON THICK IMMEDIATELY AFTER CLEANING BASE METAL AND BEFORE ELECTROPLATE.



ISOMETRIC VIEW

RELEASED FOR FABRICATION / INSTALLATION

PPPL Drafting: ? Jerry Siegel 2006.09.13 13:17:29 -05'00'

AR	X		-1	TERMINAL JUMPER	1 OFHC COPPER (UNS C10200 OR C10100)	1
SE142C-050	-1	CAGE CODE	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL / SPECIFICATION	FIND NO
		NEXT ASSEMBLY		PARTS LIST		

SE142C-052

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					
0	INITIAL RELEASE	GLL	6-05	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

DES	P FOGARTY	05/05
DRW	G LOVETT	05/05
CHK	M COLE	05/05
SECT	:	:
DEPT	:	:
PE	D WILLIAMSON	05/05
CR	:	:
PJ	:	:
REQ	:	:
PPPL DRFT	J SIEGEL	05/05
	:	:
	:	:
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-AC05-00OR22725
UT-BATTELLE, LLC. Oak Ridge, Tennessee

PROJECT NAME: NATIONAL COMPACT STELLARATOR EXPERIMENT

MODULAR COIL TYPE-C
TERMINAL JUMPER #2
DETAIL

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

RELEASE LEVEL: Fabrication — SE142C-052 — REV 1