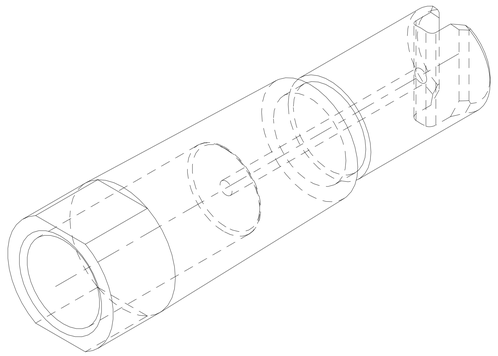
NOTES:

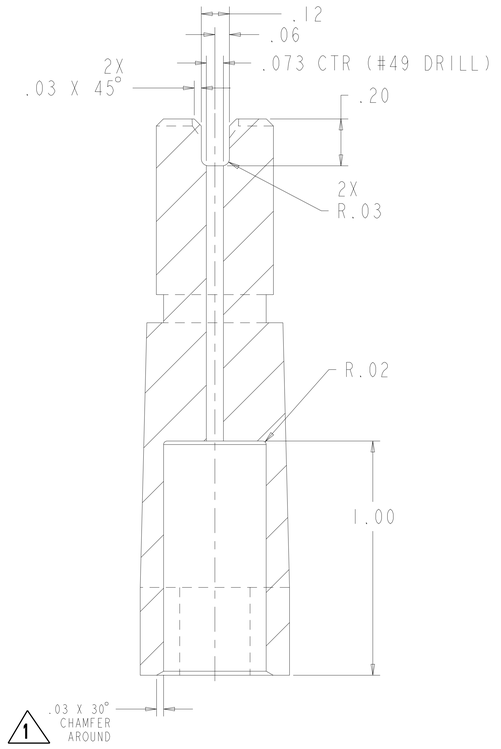
1. INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y14.5M
2. DIMENSIONS ARE IN INCHES
3. DIMENSIONS APPLY AT ROOM TEMPERATURE. OPERATING TEMP 80 K.
4. GEOMETRY IS DEFINED IN PRO ENGINEER CAD MODELS/FILES SE142C-059.PRT
5. DRAWING AND MODELS COMBINED DEFINE FINISHED MACHINED PART.

1 [6] SILVER PLATE 10 MICRON THICK PER ASTM B700 TYPE I, GRADE C, CLASS S. APPLY NICKEL INTERMEDIATE LAYER >1 MICRON THICK IMMEDIATELY AFTER CLEANING BASE METAL AND BEFORE ELECTROPLATE.

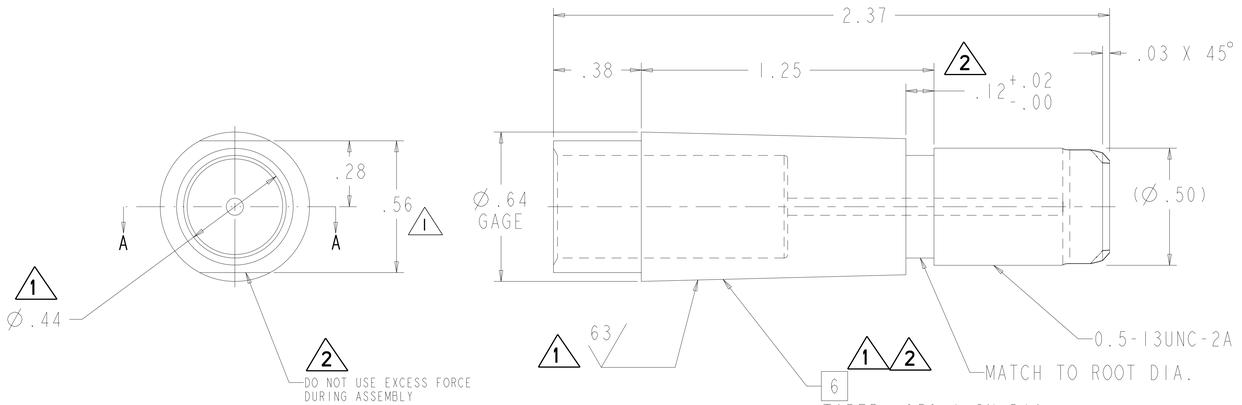


ISOMETRIC VIEW

SCALE 4.00



SECTION A-A



1

SCALE 4.00

AR		-1	CONNECTOR	[6] SILVER BEARING COPPER UNS C10400, C10500, C10700	1
SE142C-050	CAGE CODE	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL / SPECIFICATION	FIND NO
	NEXT ASSEMBLY		PARTS LIST		

SE142C-059

REV	DESCRIPTION	BY	DATE	CHK	DEPT	DATE	PE	REQ	DATE	ORNL	DOE	DATE
2	REVISE PART AND DRAWING PER ECN 5140	GLL	7-06	MJC			DEW					
1	REVISE PART AND DRAWING PER ECN 5023	GLL	9-05	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

DRAWING APPROVALS		DATE
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
	:	:
	:	:

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UT-BATTELLE, LLC. Oak Ridge, Tennessee

PRIME ITEM
NATIONAL COMPACT STELLARATOR EXPERIMENT

MODULAR COIL TYPE-C
CABLE CONNECTOR
DETAIL

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

RELEASE LEVEL: WIP
SE142C-059
REV 2

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P THIS DRAWING PRODUCED ON PRO-ENGINEER