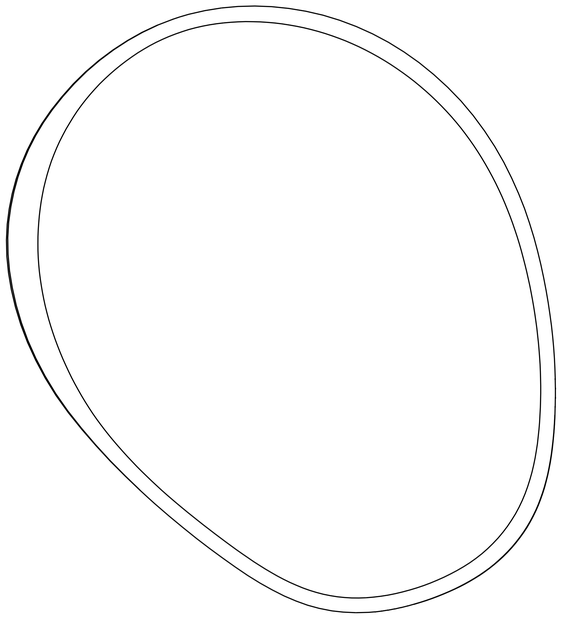
NOTES:
1. INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y14.5M.
2. DIMENSION ARE IN INCHES.
3. REQUIREMENTS FOR FABRICATING THE VACUUM VESSEL BLANK OFF SEAL DETAIL ARE DEFINED IN THE DRAWINGS, MODELS, AND NCSX-CSPEC-121-02-00.
4. GEOMETRY OF VACUUM VESSEL BLANK OFF SEAL DETAIL IS DEFINED IN CAD MODELS/FILES SE121-096.PRT.
5. MEASURE AND MACHINE TO FIT AT ASSEMBLY, SE120-001.
6. ADDITIONAL TOLERANCE LIMITS ARE DEFINED IN DOCUMENT NCSX-12-122002-PH.



SCALE 0.250

.06 REF

next assy	6		-1	VACUUM VESSEL BLANK OFF SEAL DETAIL	INCONEL	625	1
-1	CAGE CODE	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL	SPECIFICATION	FIND NO	
	NEXT ASSEMBLY		PARTS LIST				

SE121-096

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P THIS DRAWING PRODUCED ON PRO-ENGINEER

REV	DESCRIPTION	BY	DATE	CHK	DEPT	DATE	PE	REQ	DATE	ORNL	DOE	DATE
	REVISION OR ISSUE PURPOSE	REVISION APPROVAL										

SCALE AS 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.GORANSON	8MAY04
DRW G.FORTIER	8MAY04
CHK :	:
SECT :	:
DEPT :	:
PE :	:
CR :	:
PJ :	:
REQ :	:
PPPL QRFT	:
:	:
:	:

Oak Ridge National Laboratory
managed for the DEPARTMENT OF ENERGY under U.S. GOVERNMENT contract DE-AC05-000R22725
UT-BATTELLE, LLC Oak Ridge, Tennessee

UT-BATTELLE

PROJECT NAME: NATIONAL COMPACT STELLARATOR EXPERIMENT

VACUUM VESSEL BLANK OFF SEAL DETAIL

VERSION NO.	PLANT	BLDG	FL	SHT	OF	TYPE	CLASS
	ORNL	5700	3	1	1	D	U

RELEASE LEVEL: WIP

SE121-096 REV 0