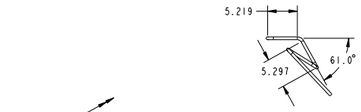
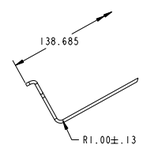
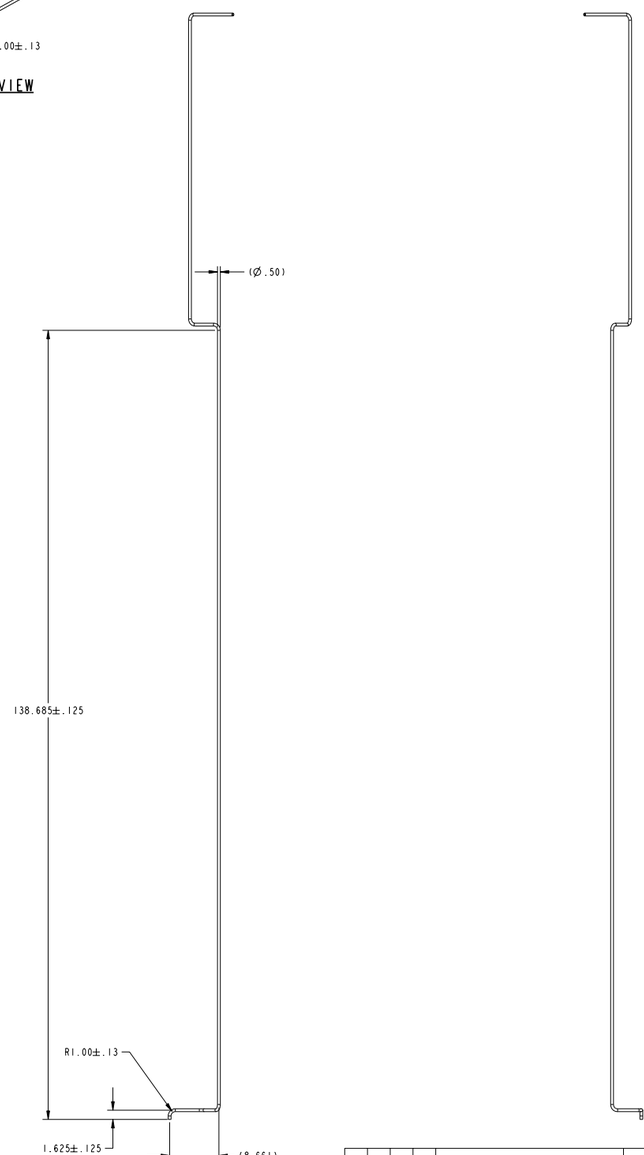


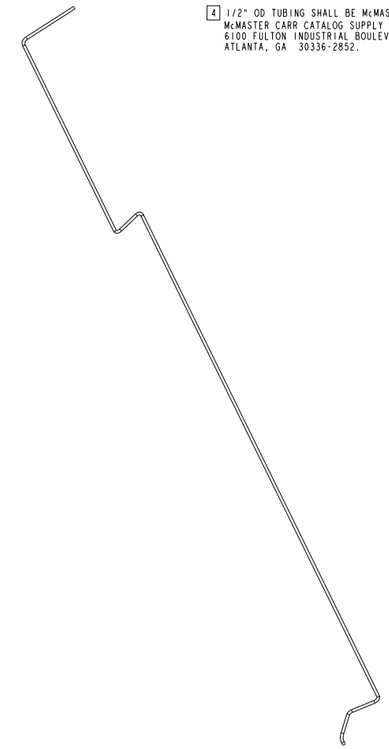
PLAN VIEW



AUXILLARY VIEW



SIDE VIEW
SCALE 0.125



PICTORIAL VIEW
SCALE 0.125

NOTES

1. INTERPRET DRAWING PER GLOBAL ENGINEERING DOCUMENTS DRAWING REQUIREMENTS MANUAL.
2. INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M.
3. DIMENSIONS ARE IN INCHES.
4. 1/2" OD TUBING SHALL BE McMASTER CARR CATALOG No. 89895K29. McMASTER CARR CATALOG SUPPLY COMPANY IS LOCATED AT 6100 FULTON INDUSTRIAL BOULEVARD, ATLANTA, GA 30336-2852.

FIND NO	SPECIFICATION	MATERIAL	NOMENCLATURE OR DESCRIPTION	PART OR IDENTIFYING NO	CAGE CODE
4	ASTM A269	SEAMLESS 304 SST x 0.035" WALL	CONNECTING TUBE DETAIL	107030600M8E8700A204-1	1
1				107030600M8E8700A000 - 1	

NEXT ASSEMBLY

PARTS LIST

QUALITY VERIFICATION
MECHANICAL AND STRUCTURAL
REFERENCE SNS-TS-G002

QV CLAUSE	DOCUMENTS REQUIRED	APPLICABLE TO PART NO *
303	MATERIAL MILL TEST REPORT	-
325	MATERIAL SELLER CERT	-
326	SPECIAL MATERIAL INSPECTION REPORT	-
205	NONMETALLIC INSPECTION AND TEST PLAN	-
312	FIELD INSPECTION AND TEST PLAN	-
321	WELD AND BRAZE INSPECTION REPORT	-
322	HEAT TREAT REPORT (WCAHT)	-
310	LEAK TEST REPORT	-
315	CLEANING CERT	-
318	DEVIATION REQUEST	-
319	NONCONFORMANCE PROCESS	-
323	DIMENSIONAL REPORT	-
330	FUNCTIONAL TEST REPORT	-
100	DOCUMENTATION	

* SYMBOL X INDICATES APPLICABLE TO ALL PARTS OR ITEMS

QA REP ..... DATE .....

RPE

REV. XX DATE XX/XX/XX

107030600M8E8700A204

PRELIMINARY

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P THIS DRAWING PRODUCED ON PRO-ENGINEER

THIS DOCUMENT CONTROLLED BY
CHANGE CONTROL SYSTEM ----3----
SNS PROCEDURES SNS-TS-G001

REV	CHANGE TYPE	CHANGE CONTROL NUMBER	ASSOCIATED CHANGE NOTICE	DESCRIPTION (REVISION OR ISSUE PURPOSE)	BY	CHK	SECT	DEPT	DATE	PE	REQ	DOE	PJ
00A	—	3	—	ISSUE FOR COMMENT AND INFORMATION	SMR				11/01				

SCALE AS NOTED
TOLERANCES UNLESS OTHERWISE SPECIFIED
FRACTIONS ±
XX DECIMALS ±.01
XXX DECIMALS ±.005
ANGLES ±0°15'
BREAK SHARP EDGES .06 MAX
FINISH 125 RMS UNLESS OTHERWISE SPECIFIED

DRAWING APPROVALS		DATE
DES	DMW/MEP	11/01
DRW	M.E.PHILLIPS	11/01
CHK		
L3		
L2		
	T.E. FORNEK	11/01

ornl Oak Ridge National Laboratory
Operated for the DEPARTMENT OF ENERGY under U.S. GOVERNMENT contract DE-AC05-00OR22725
Oak Ridge, Tennessee

SNS Spallation Neutron Source

SPALLATION NEUTRON SOURCE PROJECT
SINGLE & MULTI CORE VESSEL INSERT
CONNECTING TUBE DETAIL

BLDG	FL	SHT	OF	CLASS
8700	1ST	1	1	U

107030600M8E8700A204 — REV 00A