THIS DRAWING PRODUCED ON SOLIDWORKS

NOTES
1. WELDING TO BE PERFORMED IN ACCORDANCE WITH ASME SECTION IX. NO CODE STAMP REQUIRED.
2. ALL WELDS SHALL BE DYE PENETRANT INSPECTED. NO RADIOGRAPHY REQUIRED.
3. MATERIAL CERTIFICATIONS REQUIRED
4. ASSEMBLY TO BE PRESSURE TESTED TO 10 PSI

ITEM | downstream/QTY. | NAME | MATERIAL | DESCRIPTION | DWG NO.
--- | --- | --- | --- | --- | ---
7 | 8 | HX-SHC S.025 - 204.756x.754 | SS - 18-8 | .25-20 X .75 SHCS | N/A
6 | 1 | swagelok vcr gasket 0.25 | CU | SWAGELOK VCR GASKET, NON-REINFORCED, CU-4-VCR-2/V5 | N/A
5 | 1 | swagelok vcr tube connector | SS - 316 | SECONDARY TUBE ASSY | N/A
4 | 1 | swagelok vcr butt weld long hf | SS - 316 | SWAGELOK LONG TUBE BUTTWELD, 6X-4-VCR-5/4B2 | N/A
3 | 1 | swagelok vcr nut | SS - 316 | SWAGELOK FEMALE VCR NUT, 54-4-VCR-R-1 | N/A
2 | 1 | window gasket hf | 1/16" BUNA-N SHEET, 5A | McMaster-Carr #86715K279 | 203-HJT-T0706
1 | 1 | double window hf | TRITIUM | 4.50 OD x 2.00 | 203-HJT-T0707

UNLESS OTHERWISE NOTED
1. ALL DIMENSIONS ARE IN INCHES
2. INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M
3. MACHINED FINISH 125 MICRO-INCHES RMS
4. CONCENTRICITY .010 TIR
5. MACHINED ANGLES 1/2 FORMED ANGLES
6. BREAK SHARP CORNERS AND REMOVE ALL BURRS
7. WHOLE NUMBERS AND FRACTIONS 1/16
8. DECIMALS .030
9. DECIMALS .010
10. DECIMALS .000

OAK RIDGE NATIONAL LABORATORY
operated for the U.S. Department of Energy under contract DE-AC05-00OR22725 Oak Ridge, TN

REMOTE SYSTEMS GROUP
NUCLEAR SCIENCE & TECHNOLOGY DIVISION

MERIT EXPERIMENT
SECONDARY CONTAINMENT ASSY
DBL WINDOW MONITORED - DOWNSTREAM

REV. 0
CAD FILE: 203-HJT-T0700
PREV ASSY: 203-HJT-T0700
SHEET 1 of 1
DRAWING NO.: 203-HJT-T0706