



ITEM	Default/QTY.	NAME	MATERIAL	DESCRIPTION	DWG
4	8	SBHCSCREW 0.19-32x0.25-HX-N	SS - 18-8	BHCS - 1/4-20	N/A
3	1	diagnostic viewport hjt	SAPPHIRE DISK	100MM OD X 6MM THK, PROVIDED BY PRINCETON	N/A
2	1	diagnostic viewport cover hjt	AL - 6061 T6, ASTM B-209	PLATE, 5.00 X .20 THK	203-HJT-0633
1	2	lens gasket hjt	BUNA-N, 1/32 THK	3.90 OD X 3.10 ID	203-HJT-0632

<p>THIRD-ANGLE PROJECTION</p> <p>UNLESS OTHERWISE NOTED</p> <p>1. ALL DIMENSIONS ARE IN INCHES</p> <p>2. INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M</p> <p>3. MACHINED FINISH 125 MICRO-INCHES RMS</p> <p>4. CONCENTRICITY .010 TIR</p> <p>5. MACHINED ANGLES ±1/2°</p> <p>6. BREAK SHARP CORNERS AND REMOVE ALL BURRS</p> <p>7. WHOLE NUMBERS AND FRACTIONS ±1/16</p> <p>8. X DECIMALS ±.030</p> <p>9. XX DECIMALS ±.010</p> <p>10. XXX DECIMALS ±.005</p>	<p>This drawing was prepared by ORNL solely for use in work performed under Department of Energy contract number DE-AC05-00OR22725 and applicable Work for Others Agreements and Cooperative Research and Development Agreements. This drawing is property of ORNL and must be returned upon request.</p>			<p>OAK RIDGE NATIONAL LABORATORY operated for the U.S. Department of Energy under contract DE-AC05-00OR22725 Oak Ridge, TN</p>	
	<p>DES V GRAVES 06/09/2005</p> <p>DRW T OQUIN 06/09/2005</p> <p>CHK P SPAMPINATO 01/11/2006</p> <p>ENG V GRAVES 06/09/2005</p> <p>QA</p>			<p>REMOTE SYSTEMS GROUP NUCLEAR SCIENCE & TECHNOLOGY DIVISION</p>	
<p>NUFACT HG JET EXPERIMENT</p> <p>PRIMARY TUBE ASSY</p> <p>OPTIC VIEWPORT ASSY</p>					
<p>CAD FILE OPTIC VIEWPORT ASSY</p>		<p>PREV ASSY 203-HJT-0610</p>		<p>SCALE 1:1</p>	<p>SHEET 1 of 1</p>
<p>DRAWING APPROVALS</p>		<p>DATE</p>		<p>SIZE C</p>	<p>REV 0</p>
<p>DWG NO. 203-HJT-0630</p>					