NOTES

1. MATERIAL CERTIFICATIONS REQUIRED.

MATERIAL: TI-6AL-4V, ASTM B-265

REV DESCRIPTION DATE BY APPROVED
0 ORIGINAL ISSUE 12/14/2006 VBG VBG

ENG QA CHK SHEET

DRW DES DRAWING APPROVALS

THIS DRAWING PRODUCED ON SOLIDWORKS

OAK RIDGE NATIONAL LABORATORY
REMOTE SYSTEMS GROUP
NUCLEAR SCIENCE & TECHNOLOGY DIVISION
MERIT EXPERIMENT
HG SUPPLY SYSTEM ASSY
FLOW REDUCER

DIS V GRAVES 12/10/2006

CHK V GRAVES 12/08/2006

ENG V GRAVES 12/07/2006

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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 FORMED ANGLES
6. MOLDED ANGLES FORGED ANGLES S1/8"
7. ALL BORES ALIGNMENT TOLERANCES ARE (.002"
8. WHOLE NUMBERS AND FRACTIONS 1/16"
9. XX DECIMALS

10.XXX DECIMALS

.030 .010 .005

7.15 3.65 .065 .65 .083

φ.505 φ.042

SECTION A-A

5.2°

.505 .1650

0.5ø

.402

1/2