

(B)

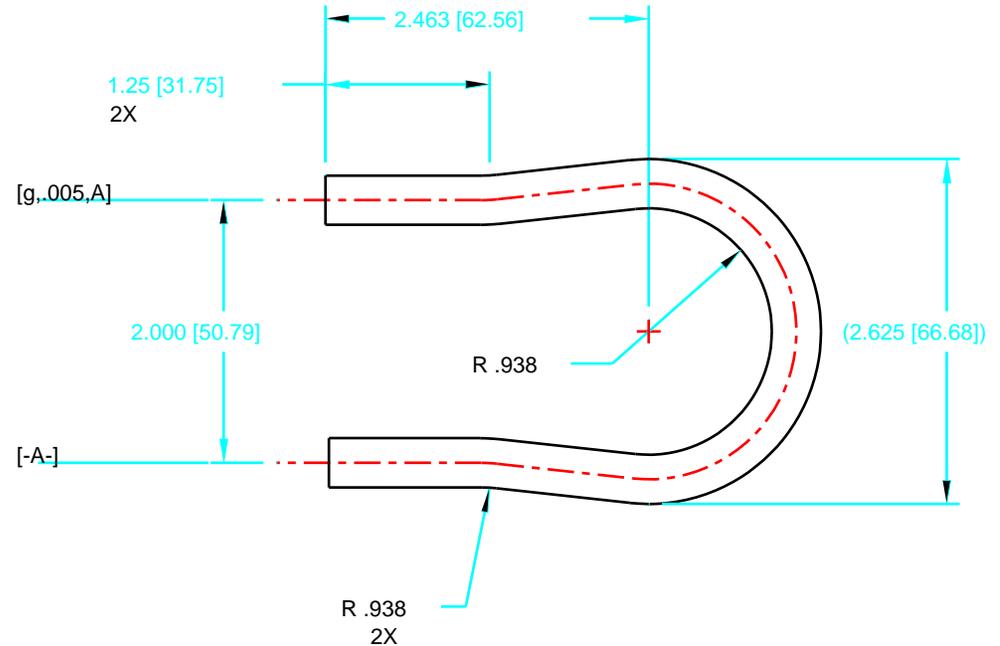
PLOT SCALE: 1=1

DWG. SCALE: 1

A2357700

NOTE:

1. HIGH QUALITY FULLY ANNEALED SEAMLESS TYPE 316, AUSTENITIC STAINLESS STEEL HYDRAULIC TUBING ASTM A213, A269, A632 OR EQUIVALENT. HARDNESS Rb80 OR LESS. TUBING TO BE FREE OF SCRATCHES. O.D. TOLERANCE NOT TO EXCEED -.003 .
2. USE PROPER TUBE BENDER TO BEND THE TUBE. KEEP THE TUBE ENDS STRAIGHT AND PROPER ROUNDNESS WITHOUT SCRATCH.
3. BOTH I.D. AND O.D. OF TUBES SHOULD BE DEBURRED AFTER CUTTING.
4. ALL DIMENSIONS WITH [ ] ARE MILLIMETERS.



ITEM	DWG/PART NUMBER	NOMENCLATURE OR DESCRIPTION	MATERIAL / SPEC	QTY
<b>PARTS LIST</b>				
UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS ARE IN INCHES		LOG NUMBER <b>A2357700</b>	THIS DRAWING IS THE PROPERTY OF <b>ARGONNE NATIONAL LABORATORY</b>	
TOLERANCES DECIMALS      ANGULAR .X    -    .015      -    .25 .XX   -    .010 .XXX -    .005  SURFACE ROUGHNESS    125 ✓		DRAWN BY: J.GOGOL    DATE: 10/17/95    CHIEF DESIGN ENGINEER: D.SHU    DATE: 12/12/95 CHECKED BY: J.CHANG    DATE: 12/7/95    GP LEADER: T.M.KUZAY    DATE: 12/20/95 DESIGNER: J.GOGOL    DATE: 10/17/95 RESPONSIBLE ENGINEER: J.CHANG    DATE: 12/7/95 APPROVED/RELEASED:		
REMOVE ALL BURRS AND BREAK SHARP EDGES .03 MAX.  SURFACE TEXTURE TO BE IN ACCORDANCE WITH LATEST ANSI B46.1  DIMENSIONING & TOLERANCING IN ACCORDANCE WITH LATEST ANSI Y14.5		TITLE: <b>ADVANCED PHOTON SOURCE P9-50 INTEGRAL SHUTTER (E) FIXED MASK COOLING TUBE</b>		
MATERIAL: <b>SST 316 .375 ODx.035 WALLx10.53 LG</b>		SCALE: 1:1	SIZE: <b>B</b>	DRAWING NUMBER: <b>P4105090909-530001-00</b>
DO NOT SCALE DRAWING		SHEET: 1 of 1		

SYM	CHANGE DESCRIPTION	BY	CHKD	DATE
REVISIONS				