

4 3 2 1

D

D

C

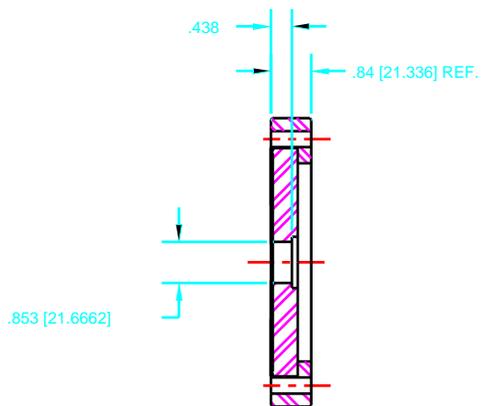
C

B

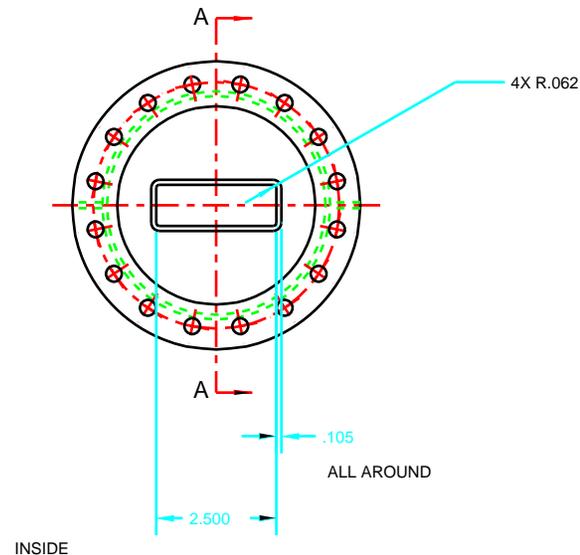
B

A

A



SECTION A - A



INSIDE

NOTES:

1. MAKE FROM MDC'S ROTATABLE FLANGE CAT. # 100025
2. WHEN MACHINING VACUUM PARTS, USE OF SILICONE AND SULPHUR-BASED CUTTING FLUIDS IS PROHIBITED. USE ONE OF THE FOLLOWING:
A) CIMCOOL 5 STAR 49
B) TRIM SOL
3. THIS IS A UHV PART, ELECTROPOLISHING IS NEEDED BEFORE WELDING. PRIOR TO ELECTROPOLISHING, THE PART NEEDS TO GO THROUGH A MULTIPLE STEP CLEANING PROCESS INVOLVING DEGREASING, WASHING AND DRY NITROGEN BLOW DOWN.
4. KEEP THE PART CLEAN, AND WRAP FOR UHV PACKING WITH ALUMINUM FOIL.
5. DIMENSIONS IN [] ARE MILLIMETERS

ITEM	DWG/PART NUMBER	NOMENCLATURE OR DESCRIPTION	MATERIAL / SPEC	QTY
PARTS LIST				
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES		LOG NUMBER A08392	THIS DRAWING IS THE PROPERTY OF ARGONNE NATIONAL LABORATORY	
TOLERANCES		DATE 12/4/92	TITLE ADVANCED PHOTON SOURCE	
DECIMALS	ANGULAR	CHIEF DESIGN ENGINEER	PROJECT NO.	
X .03 [0.7620]	.25 °	CHECKED BY	APPROVED/RELEASED	
XX .01 [0.25]		DESIGNER MUSCIA	RESPONSIBLE ENGINEER	
XXX .005 [0.127]		MATERIAL SEE NOTE #1		
SURFACE ROUGHNESS 125 ✓		SCALE HALF		
REMOVE ALL BUMPS AND BREAK SHARP EDGES TO MAX.		SHEET 1 of 1		
SURFACE TEXTURE TO BE IN ACCORDANCE WITH LATEST ASST MFG MANUFACTURING & ITS CHANGING IN ACCORDANCE WITH LATEST ASST MFG		SIZE C		
DO NOT SCALE DRAWING		DRAWING NUMBER P4102010102-210102-00		

SY#	CHANGE DESCRIPTION	BY	CHKD	DATE
REVISIONS				

4 3 2 1