



NOTES:

1. MAKE FROM MDC'S DOUBLE SIDED VACUUM FLANGE CAT. #140030
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 AND FOR REF. ONLY

SYM	CHANGE DESCRIPTION	BY	CHKD	DATE
REVISIONS				

ITEM	DWG/PART NUMBER	NOMENCLATURE OR DESCRIPTION	MATERIAL / SPEC	QTY
PARTS LIST				
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES TOLERANCES DECIMALS ANGLES .1 .03 (.7620) .25 .01 (.0254) .01 .005 (.127)		LOG NUMBER A1432600	THIS DRAWING IS THE PROPERTY OF ARGONNE NATIONAL LABORATORY	
DESIGNED BY MUSCIA	DATE 11/3/93	DRYER DESIGN ENGINEER D. SHU	DATE 11/15/93	TITLE ADVANCED PHOTON SOURCE
CHECKED BY J. WOTHE	DATE 11/15/93	OP LEADER T. M. KUZAY	DATE 11/15/93	V1 APS FRONT END
DESIGNER SHU/MUSCIA	DATE 11/3/93	PROJECT MGR.		12 mm x 78 mm x 182 mm
RESPONSIBLE ENGINEER D. SHU	DATE 11/15/93	APPROVED/RELEASED		8" O.D. VACUUM FLANGE
MATERIAL SEE NOTE #1			SCALE HALF	SHEET 1 of 1
DO NOT SCALE DRAWING			SIZE C	DRAWING NUMBER P4105090701-810001-00