



SCALE 1/4

REF. SOURCE

NOTES:

1. 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
2. KEEP THE PART CLEAN, AND WRAP FOR UHV PACKING WITH ALUMINUM FOIL.
3. DIMENSIONS IN [] ARE MILLIMETERS AND FOR REF. ONLY

HELICOFLEX CO.
400 MYTLE AVE.
BOONTON, N.J. 07005

ITEM	DWG/PART NUMBER	NOMENCLATURE OR DESCRIPTION	MATERIAL / SPEC	QTY
PARTS LIST				
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES		LOG NUMBER A2188300	THIS DRAWING IS THE PROPERTY OF ARGONNE NATIONAL LABORATORY	
TOLERANCES DECIMALS ANGULAR .X ± .03 [0.7620] ± .25 ° .XX ± .01 [0.25] .XXX ± .005 [0.127]		DATE 12/27/94	CHIEF DESIGN ENGINEER D. SHU	DATE
SURFACE ROUGHNESS 125 ✓		CHECKED BY W. YUN	GP LEADER T.M. KUZAY	TITLE ADVANCED PHOTON SOURCE
REMOVE ALL BURRS AND BREAK SHARP EDGES .03 MAX.		DESIGNER SHU/MUSCIA	PROJECT MGR. E. GLUSKIN	Y2 LONG COOLED HORIZONTALY DEFLECTING X-RAY MIRROR SEAL CHAMBER (REF. S08255)
SURFACE TEXTURE TO BE IN ACCORDANCE WITH LATEST ANSI B46.1		RESPONSIBLE ENGINEER D. SHU	APPROVED/RELEASED	
DIMENSIONING & TOLERANCING IN ACCORDANCE WITH LATEST ANSI Y14.5		MATERIAL SEAL TYPE HN 200 SEAL P/N = H-304283	SCALE HALF	SIZE B
DO NOT SCALE DRAWING			SHEET 1 of 1	DRAWING NUMBER P4105091202-300009-00
SYM	CHANGE DESCRIPTION	BY	CHKD	DATE
REVISIONS				