



SCALE 2X

NOTES: 1. ALL DIMENSIONS WITH ARE IN MILLIMETERS

2. THE PART NEEDS TO GO THROUGH A MULTIPLE STEP CLEANING PROCESS INVOLVING DEGREASING, WASHING AND DRY NITROGEN BLOW DOWN BEFORE WELDING.

3. KEEP THE PART CLEAN, AND WRAP FOR UHV PACKING WITH ALUMINUM FOIL.

SYM	CHANGE DESCRIPTION	BY	CHKD	DATE

ITEM	DWG/PART NUMBER	NOMENCLATURE OR DESCRIPTION	MATERIAL / SPEC	QTY								
<p>UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS ARE IN INCHES</p> <p>TOLERANCES</p> <table border="1"> <tr> <td>DECIMALS</td> <td>ANGULAR</td> </tr> <tr> <td>.X - .03</td> <td>- .25</td> </tr> <tr> <td>.XX - .01</td> <td></td> </tr> <tr> <td>.XXX - .005</td> <td></td> </tr> </table> <p>SURFACE ROUGHNESS 125 ✓</p> <p>REMOVE ALL BURRS AND BREAK SHARP EDGES .03 MAX.</p> <p>SURFACE TEXTURE TO BE IN ACCORDANCE WITH LATEST ANSI B46.1</p> <p>DIMENSIONING & TOLERANCING IN ACCORDANCE WITH LATEST ANSI Y14.5</p> <p>DO NOT SCALE DRAWING</p>					DECIMALS	ANGULAR	.X - .03	- .25	.XX - .01		.XXX - .005	
DECIMALS	ANGULAR											
.X - .03	- .25											
.XX - .01												
.XXX - .005												
LOG NUMBER		PARTS LIST										
P4410106-00		THIS DRAWING IS THE PROPERTY OF ARGONNE NATIONAL LABORATORY										
DRAWN BY	DATE	CHIEF DESIGN ENGINEER	DATE	TITLE								
MUSCIA	7/22/99	D.SHU	12/18/99	ADVANCED PHOTON SOURCE								
CHECKED BY	DATE	GP LEADER	DATE	P4-40 INTEGRAL SHUTTERS								
J.CHANG	12/9/99	T.M.KUZAY	1/13/00	FOR 4-ID-B								
DESIGNER	DATE	PROJECT MGR.		ENTRANCE & EXIT PORTS								
CHANG/MUSCIA	7/22/99											
RESPONSIBLE ENGINEER	DATE	APPROVED/RELEASED										
J.CHANG	12/9/99											
MATERIAL		SCALE	SIZE	DRAWING NUMBER								
MONEL 400		1:1	C	P4-410106-00								
		SHEET										
		1 of 1										