



## SECTION A-A

**NOTES:**

1. WHEN MACHINING VACUUM PARTS, USE OF SILICONE, SULPHUR-BASED CUTTING FLUIDS AND ABRASIVES IS PROHIBITED. USE TRIM SOL OR APPROVED EQUAL LUBRICANT.
2. FOR COMPLETE SPECIFICATIONS ON MACHINING, CLEANING, VACUUM REQUIREMENTS, TESTING AND DELIVERY PREPARATION, SEE ANL DOCUMENT #410201-00095.
3. DIMENSIONS IN BRACKETS [ ] ARE MILLIMETERS.

ITEM	DWG/PART NUMBER	NOMENCLATURE OR DESCRIPTION	MATERIAL / SPEC	QTY
<b>PARTS LIST</b>				
UNLESS OTHERWISE SPECIFIED LOG NUMBER ALL DIMENSIONS ARE IN INCHES		<b>A18608</b>	THIS DRAWING IS THE PROPERTY OF <b>ARGONNE NATIONAL LABORATORY</b>	
<b>TOLERANCES</b> DECIMALS      ANGULAR .X      ± .030 [762]      ± .25 ° .XX     ± .010 [254] .XXX    ± .005 [127]		DRAWN BY <b>PJE</b> CHECKED BY <b>C. BRITE</b> DESIGNER <b>C. BRITE</b> RESPONSIBLE ENGINEER <b>C. BRITE</b>	DATE <b>8/93</b> <b>11/93</b> <b>8/93</b> <b>11/93</b>	CHIEF DESIGN ENGINEER <b>D. SHU</b> GP LEADER <b>T.M. KUZAY</b> PROJECT MGR.  APPROVED/RELEASED
SURFACE ROUGHNESS $125 \checkmark$ REMOVE ALL BURRS AND BREAK SHARP EDGES .03 MAX. SURFACE TEXTURE TO BE IN ACCORDANCE WITH LATEST ANSI B46 DIMENSIONING & TOLERANCING IN ACCORDANCE WITH LATEST ANSI Y14.5		<b>ADVANCED PHOTON SOURCE</b> <b>F1-APS ID FILTER</b> <b>BUSHING</b>		
DO NOT SCALE DRAWING		MATERIAL <b>304 STAINLESS STEEL</b>	SCALE <b>4:1</b>	SIZE <b>B</b>
DRAWING NUMBER <b>P4102010107-210201-01</b>				

1	BUSHING REDESIGNED	PJE	CB	05/94
SYM	CHANGE DESCRIPTION	BY	CHKD	DATE
REVISIONS				