



NOTES:

1. THIS IS A ULTRA-HIGH VACUUM COMPONENT (UHV).
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. KEEP THE PART CLEAN AND WRAP FOR UHV PACKING WITH ALUMINUM FOIL.
4. ALL DIMENSIONS IN [ ] ARE MILLIMETERS AND ARE FOR REFERENCE ONLY.

ITEM	DWG/PART NUMBER	NOMENCLATURE OR DESCRIPTION	MATERIAL / SPEC	QTY		
<b>PARTS LIST</b>						
UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS ARE IN INCHES <b>TOLERANCES</b> DECIMALS      ANGULAR .X - .1 [2.5]      - 0°30' .XX - .01 [0.25] .XXX - .005 [0.13] SURFACE ROUGHNESS      125 ✓ REMOVE ALL BURRS AND BREAK SHARP EDGES .03 MAX. SURFACE TEXTURE TO BE IN ACCORDANCE WITH LATEST ANSI B46.1 DIMENSIONING & TOLERANCING IN ACCORDANCE WITH LATEST ANSI Y14.5 DO NOT SCALE DRAWING		LOG NUMBER <b>B2600106-00</b>	THIS DRAWING IS THE PROPERTY OF  <b>ARGONNE NATIONAL LABORATORY</b>			
		DRAWN BY <b>MUSCIA</b>	DATE <b>3/30/00</b>	CHIEF DESIGN ENGINEER <b>D. SHU</b>	DATE <b>3/31/00</b>	<b>ADVANCED PHOTON SOURCE</b> <b>B2-60 APS FRONT END</b> <b>1 ST XBPM (BLADE STYLE)</b> <b>FOR 32 ID</b> <b>ELECTRICAL INSULATOR</b>
		CHECKED BY <b>D. SHU</b>	DATE <b>3/31/00</b>	GP LEADER <b>T.M. KUZAY</b>	DATE	
		DESIGNER <b>SHU/MUSCIA</b>	DATE <b>3/30/00</b>	PROJECT MGR.	DATE	
		RESPONSIBLE ENGINEER <b>D. SHU</b>	DATE <b>3/31/00</b>	APPROVED/RELEASED	DATE	
		MATERIAL <b>99.6% ALUMINA (ADS 996)</b>		SCALE <b>1:1</b>	SIZE <b>B</b>	
SYM      CHANGE DESCRIPTION      BY      CHKD      DATE				SHEET <b>14</b>	DRAWING NUMBER <b>B2-600106-00</b>	
REVISIONS		DO NOT SCALE DRAWING				