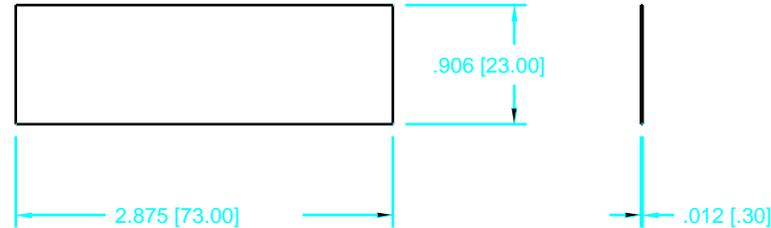


(B)

PLOT SCALE: 1=1

DWG. SCALE: 1



# SUGGESTED SOURCE:

SPECIALTY MINERALS, INC.  
 640 N. 13TH STREET  
 EASTON, PA 18042-1497  
 PHONE: (215)-250-8970

### 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. GRAPHITE TO BE SUPPLIED AND INSTALLED BY APS PERSONNEL.
4. DIMENSIONS IN BRACKETS [ ] ARE MILLIMETERS.

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 - .030 [762]      - .25 .XX - .010 [254] .XXX - .005 [127]		LOG NUMBER <b>A11693</b>		
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		THIS DRAWING IS THE PROPERTY OF <b>ARGONNE NATIONAL LABORATORY</b>		
DRAWN BY <b>PJE</b>	DATE <b>6/93</b>	CHIEF DESIGN ENGINEER <b>D. SHU</b>	DATE <b>01/94</b>	TITLE <b>ADVANCED PHOTON SOURCE            F1-APS ID FILTER            FILTER FOIL</b>
CHECKED BY <b>C. BRITE</b>	DATE <b>11/93</b>	GP LEADER <b>T.M. KUZAY</b>	DATE <b>01/94</b>	
DESIGNER <b>C. BRITE</b>	DATE <b>8/93</b>	PROJECT MGR.		
RESPONSIBLE ENGINEER <b>C. BRITE</b>	DATE <b>11/93</b>	APPROVED/RELEASED		
MATERIAL <b>PYROGRAPHITE</b>		SCALE <b>1:1</b>	SIZE <b>B</b>	DRAWING NUMBER <b>P4102010107-210001-00</b>
SHEET <b>1 of 1</b>				

SYM	CHANGE DESCRIPTION	BY	CHKD	DATE
REVISIONS				

DO NOT SCALE DRAWING