

(B)

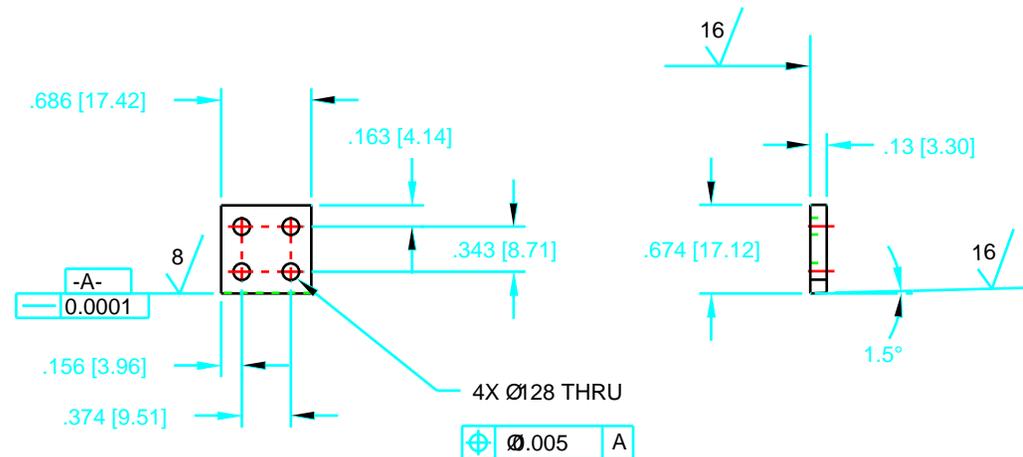
PLOT SCALE: 1=1

DWG. SCALE: 1

A2412900

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. ALL SURFACES MUST BE MACHINED FOR CLEAN UP
4. FINISHING: WHEN MACHINING VACUUM PARTS USE OF ABRASIVE PAPER OR SANDING DISCS, BUFFING OR POLISHING COMPOUNDS, OR RESIN-BONDED GRINDING WHEELS IS PROHIBITED
5. CLEANING: THE COMPONENT MUST BE CLEANED SUCH THAT A UHV PRESSURE OF 1×10^{-9} TORR CAN BE ACHIEVED
6. HANDLING: THE COMPONENTS SHALL BE HANDLED WITH WHITE SILK GLOVES AND WRAPPED WITH ALUMINUM FOIL TYPE DRY ANNEAL AND UNDER CLEAN ROOM CONDITIONS
7. BREAK ALL SHARP CORNERS 0.03
8. DIMENSIONS IN [] ARE MILLIMETERS AND FOR REF. ONLY
9. PER MIL-T-21014D + OMEND .1
1810 UHV GRADE COPPER FREE
10. DIMENSIONS IN [] ARE MILLIMETERS AND FOR REF. ONLY



REF. SOURCE

- ▶ MI-TECH METALS INC. 1340 N. SENATE AVE. INDIANAPOLIS, IN 46202 TEL: 317-637-3574
- ▶ KULITE TUNGSTEN CORP. 160 EAST UNION AVE. EAST RUTHERFORD NJ. 07073 TEL: 201-438-9000 FAX: 201-438-0891

ITEM	DWG/PART NUMBER	NOMENCLATURE OR DESCRIPTION	MATERIAL / SPEC	QTY										
PARTS LIST														
UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS ARE IN INCHES		LOG NUMBER A2412900	THIS DRAWING IS THE PROPERTY OF ARGONNE NATIONAL LABORATORY											
TOLERANCES DECIMALS ANGULAR .X - .03 [.7620] - .25 .XX - .01 [0.25] .XXX - .005 [0.127]		DRAWN BY MUSCIA CHECKED BY D. SHU DESIGNER SHU/MUSCIA RESPONSIBLE ENGINEER D. SHU	CHIEF DESIGN ENGINEER D. SHU GP LEADER T.M. KUZAY PROJECT MGR. APPROVED/RELEASED DATE 3/12/96 6/23/96 3/12/96 6/23/96	TITLE ADVANCED PHOTON SOURCE L2-90 "PINK BEAM" SLIT/BPM WATER COOLED SLIT HEAT SINK										
SURFACE ROUGHNESS 63 ✓ 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		SCALE 1:1 SHEET 1 of 1		DRAWING NUMBER P4105091502-910207-00										
DO NOT SCALE DRAWING		MATERIAL HIGH DENSITY MACHINEABLE TUNGSTEN ALLOY SEE NOTE #9												
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>SYM</th> <th>CHANGE DESCRIPTION</th> <th>BY</th> <th>CHKD</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td colspan="5" style="text-align: center;">REVISIONS</td> </tr> </tbody> </table>					SYM	CHANGE DESCRIPTION	BY	CHKD	DATE	REVISIONS				
SYM	CHANGE DESCRIPTION	BY	CHKD	DATE										
REVISIONS														