

(B)

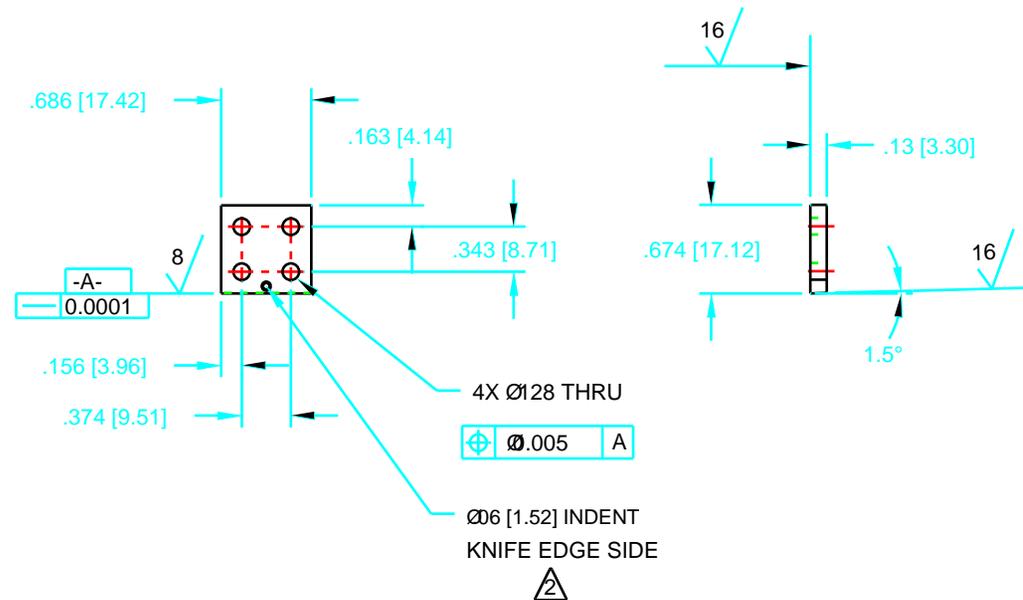
PLOT SCALE: 1=1

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. DIMENSIONS IN [] ARE MILLIMETERS AND FOR REF. ONLY
8. PER MIL-T-21014D + OMEND .1 1810 UHV GRADE COPPER FREE
9. DIMENSIONS IN [] ARE MILLIMETERS AND FOR REF. ONLY



REF. SOURCE

MI-TECH METALS INC. KULITE TUNGSTEN CORP.
 1340 N. SENATE AVE. 160 EAST UNION AVE.
 INDIANAPOLIS, IN 46202 EAST RUTHERFORD NJ. 07073
 TEL: 317-637-3574 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 L2910207-02	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	DATE 3/12/96 6/23/96 3/12/96 6/23/96	CHIEF DESIGN ENGINEER D. SHU GP LEADER T.M. KUZAY PROJECT MGR. APPROVED/RELEASED
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		TITLE ADVANCED PHOTON SOURCE L2-90 "PINK BEAM" SLIT/BPM WATER COOLED SLIT HEAT SINK		
MATERIAL HIGH DENSITY MACHINEABLE TUNGSTEN ALLOY SEE NOTE #9		SCALE 1:1	SIZE B	DRAWING NUMBER L2-910207-02
DO NOT SCALE DRAWING		SHEET 1 of 1		

SYM	CHANGE DESCRIPTION	BY	CHKD	DATE
2	INDICATOR NOTE ADDED	M.J.M.		
1	REMOVED NOTE #7: BREAK ALL SHARP CORNERS 0.03	M.J.M.	J.B.	2/4/97
REVISIONS				