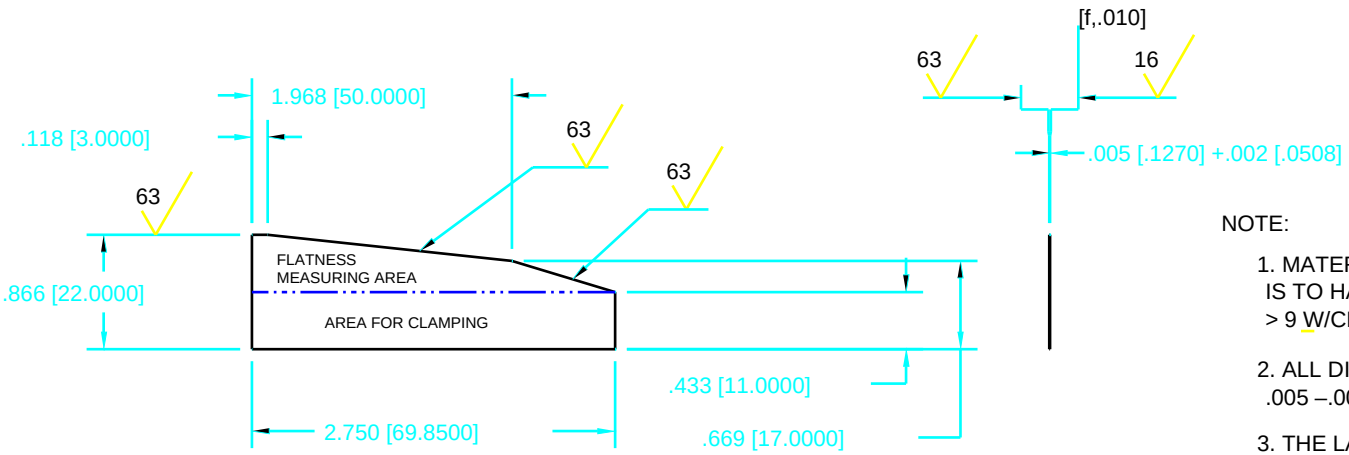
(B	PLOT SCALE: 1=1	DWG. SCALE: 1	



NOTE:

1. MATERIAL: WHITE OR GRAY SYNTHETIC DIAMOND IS TO HAVE CERTIFIED THERMAL CONDUCTIVITY > 9 W/CM-K°
2. ALL DIMENSIONS ARE –.01 [.254], EXCEPT .005 –.002 [.127 –.0508].
3. THE LASER CUT BLADE IS TO BE FREE OF SURFACE OR MATERIAL BLEMISHES, CRACKS, OR OTHER SUCH DEFECTS.
4. SURFACE FLATNESS MAY BE MEASURED WITH CLAMPING THE HALF OF THE BLADE BY A PAIR OF FLAT BLOCKS.
5. ALL DIMENSIONS IN [ ] ARE MILLIMETERS AND ARE FOR REFERENCE ONLY.

ITEM	DWG/PART NUMBER	NOMENCLATURE OR DESCRIPTION	MATERIAL / SPEC	QTY

PARTS LIST

UNLESS OTHERWISE SPECIFIED:
ALL DIMENSIONS ARE IN INCHES

TOLERANCES

DECIMALS		ANGULAR
.X –	.015	– .25
.XX –	.010	
.XXX –	.005	

SURFACE ROUGHNESS 250

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 A11185

THIS DRAWING IS THE PROPERTY OF ARGONNE NATIONAL LABORATORY

DRAWN BY RICK KRAKORA	DATE 4/93	CHIEF DESIGN ENGINEER D. SHU	DATE 8/31/93
CHECKED BY J.W.	8/31/93	GP LEADER T. KUZAY	8/31/93
DESIGNER D. SHU	8/31/93	PROJECT MGR.	
RESPONSIBLE ENGINEER D. SHU	8/31/93	APPROVED/RELEASED	

TITLE
ADVANCED PHOTON SOURCE
B1 ID FRONT END
FIRST BEAM POSITION MONITOR
HORIZONTAL BLADE

MATERIAL SEE NOTE 1

SCALE 1:1 SHEET 1 of 1

SIZE B

DRAWING NUMBER P4102010104-210006-00

SYM	CHANGE DESCRIPTION	BY	CHKD	DATE

REVISIONS