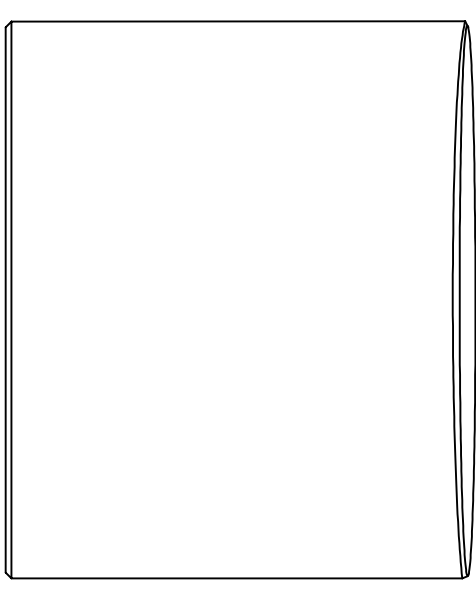
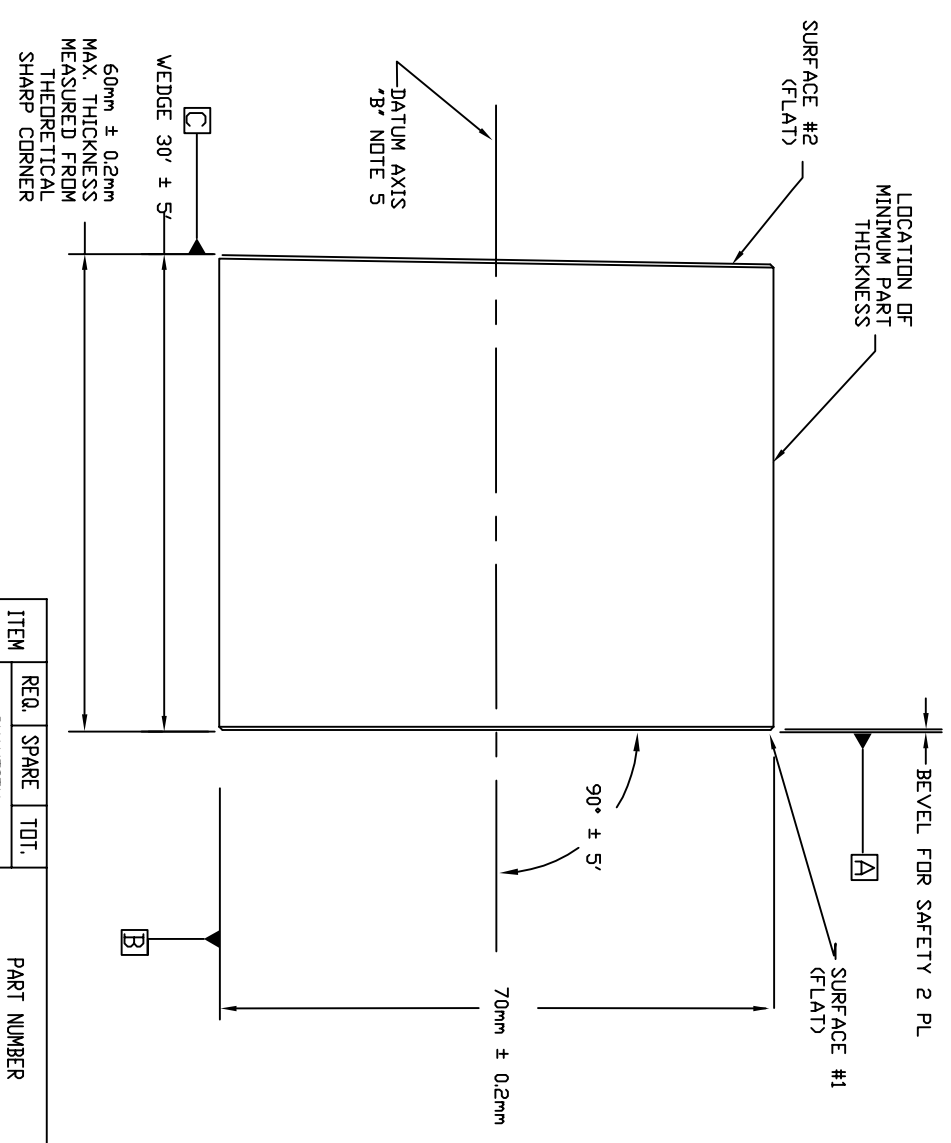
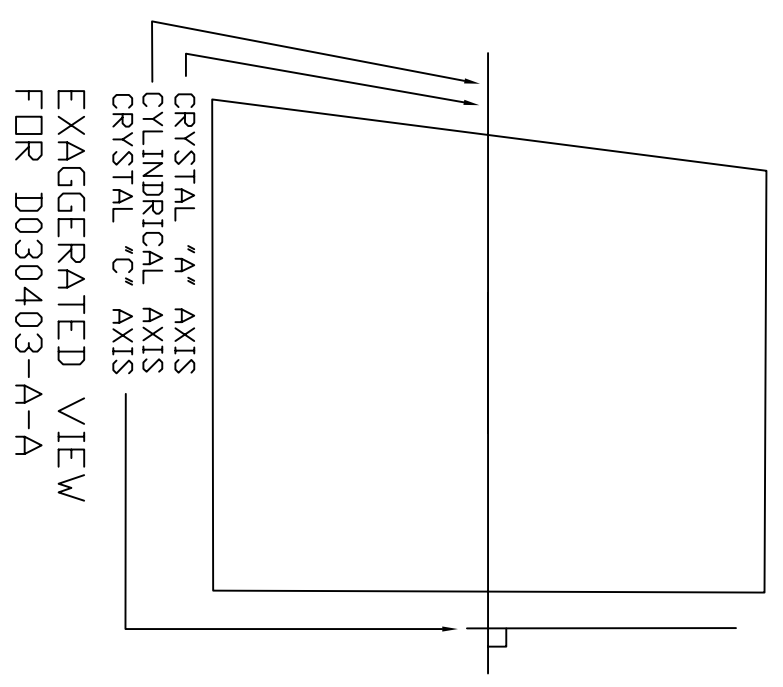


REV.	DATE	DCN #	DRAWING TREE #
A	7-23-03	E030246-00-D	

- NOTES:
- 1) ALL DIMENSIONS ARE IN MILLIMETERS AND DEGREE-MINUTES.
 - 2) DRAWING IS TO BE INTERPRETED PER ANSI/ASME Y14.5M-1994
 - 3) POLISH ALL FACES, EDGES AND CHAMFERS PER LIGD-E030243
 - 4) THE DESIRED CRYSTAL AXIS IS ALIGNED PARALLEL TO THE CYLINDRICAL AXIS OF THE SUBSTRATE 'B' ACCORDING TO TABLE 1
 - 5) DATUM AXIS 'B' IS THE CYLINDRICAL AXIS OF THE SUBSTRATE.
 - 6) DATUM PLANE 'C' IS PERPENDICULAR TO DATUM PLANE 'A' AND PASSES THROUGH THE THICKEST AND THINEST POINTS OF THE WEDGED CYLINDER. THE CRYSTAL AXIS DESIGNATED IN TABLE 1 IS PARALLEL TO DATUM PLANE 'C' WITHIN 3°.

TABLE 1

PART NUMBER	CRYSTAL AXIS // TO DATUM AXIS B	CRYSTAL AXIS // TO DATUM PLANE C
D030403-A-A	A	C
D030403-A-C	C	A
D030403-A-M	M	C



ITEM NO.	REQ. QUANTITY	SPARE	TOT. QUANTITY	PART NUMBER	DESCRIPTION	SUPPLIER
UNLESS OTHERWISE SPECIFIED:						
DIMENSIONS ARE IN MILLIMETERS						
TOLERANCES:						
.XX±						
.XXX±						
XXXX±						
ANGULAR±						
MATERIAL						
HEMILITE						
SAPPHIRE						
FINISH						
PER E020243						

DATE	NAME	DESCRIPTION	SUPPLIER
7-23-03	BILLINGSLEY		

PARTS LIST

CALIFORNIA INSTITUTE OF TECHNOLOGY
MASSACHUSETTS INSTITUTE OF TECHNOLOGY

SYSTEM

SUB-SYSTEM

NEXT ASSY

PART NAME 70 x 60 MM SAPPHIRE Ø SUBSTRATE

COMMENTS:

SIZE	DWG. NO.	REV
B	LIGD-D030403	A
SCALE:NTS		