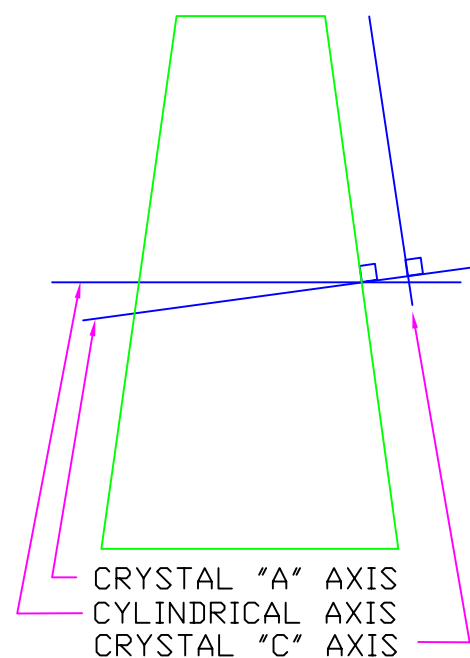
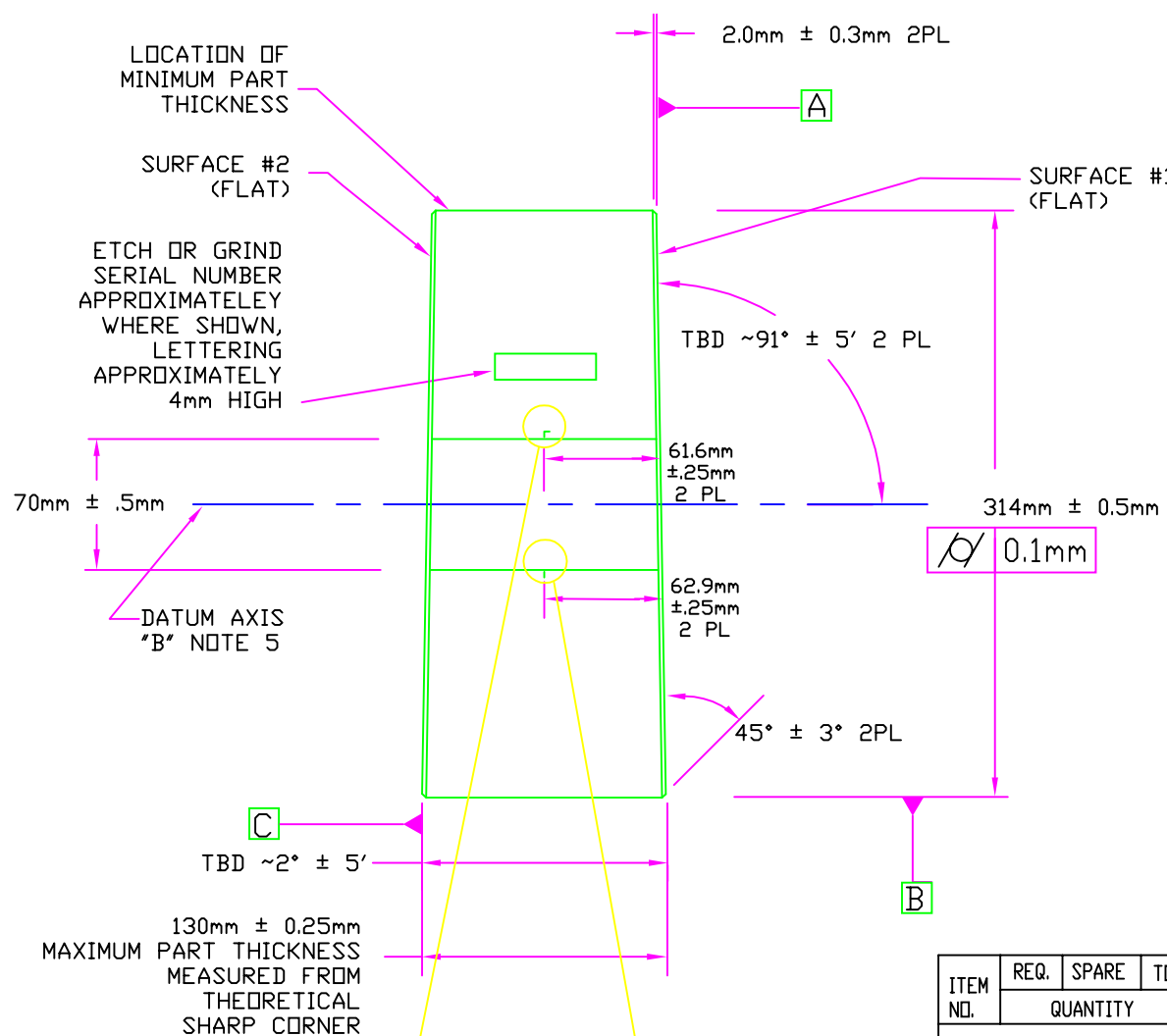
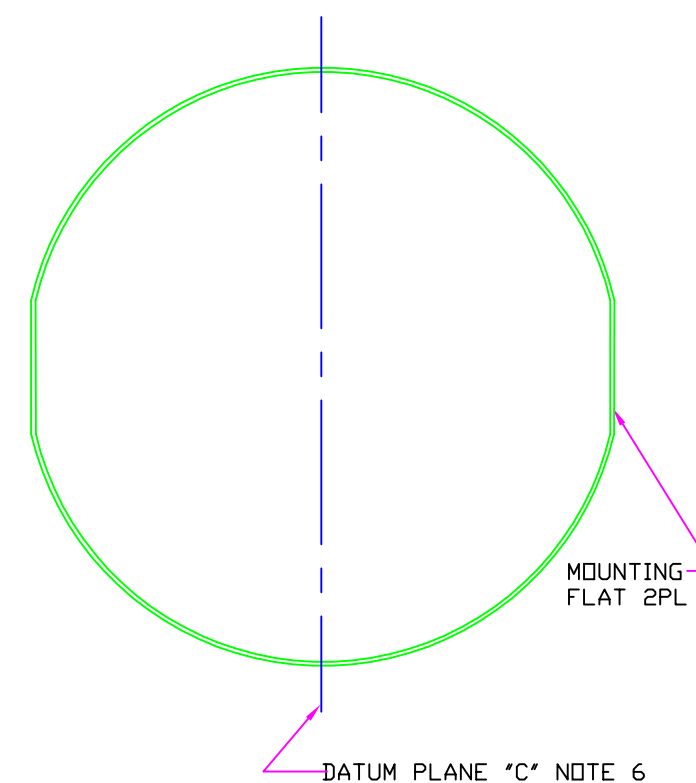
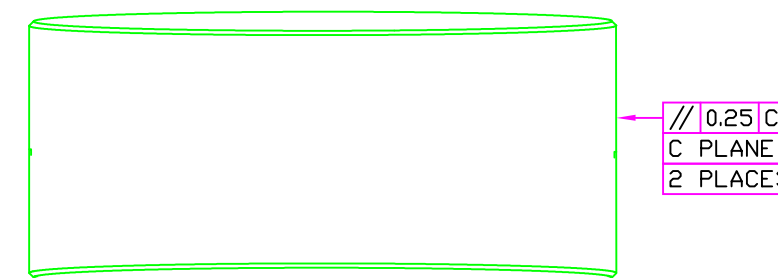
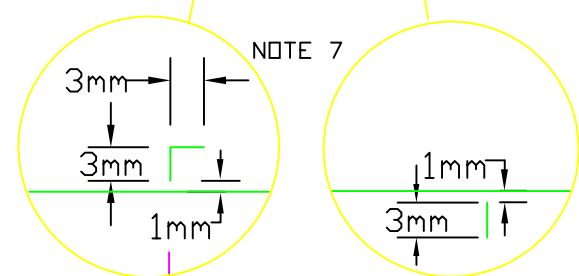


- NOTES:
- 1) ALL DIMENSIONS ARE IN MILLIMETERS AND DEGREE-MINUTES.
 - 2) DRAWING IS TO BE INTERPRETED PER ANSI/ASME Y14.5M-1994
 - 3) POLISH ALL FACES, EDGES AND CHAMFERS PER LIGO-E020389
 - 4) THE CRYSTAL A-AXIS IS ALIGNED PERPENDICULAR TO DATUM PLANE "A" WITHIN 0°,30'. SEE EXAGGERATED VIEW FOR CLARIFICATION.
 - 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 C-AXIS IS PARALLEL TO DATUM PLANE "C" WITHIN 0°,30'.
 - 7) ETCH OR GRIND FIDUCIAL MARKS .25mm ± 0.05mm WIDE BY APPROXIMATELY 3mm LONG.

REV.	DATE	DCN #	DRAWING TREE #
A	4-26-02	E020390-00-D	



EXAGGERATED VIEW



ITEM NO.	REQ. QUANTITY	SPARE	TOT.	PART NUMBER	DESCRIPTION	SUPPLIER
UNLESS OTHERWISE SPECIFIED:						
DIMENSIONS ARE IN MILLIMETERS				DATE	NAME	LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY
TOLERANCES:				DRAWN	4-26-02	BILLINGSLEY
.XX±:				CHECKED		
.XXX±:						SYSTEM
ANGULAR±:						SUB-SYSTEM
MATERIAL						NEXT ASSY
SAPPHIRE						PART NAME
FINISH						SUBSTRATE, LASTI TEST MASS
PER E020389				COMMENTS:		SIZE
						DWG. NO.
						LIGO-E020150
						REV
						A
						SCALE: NTS
						SHEET 1 OF 1