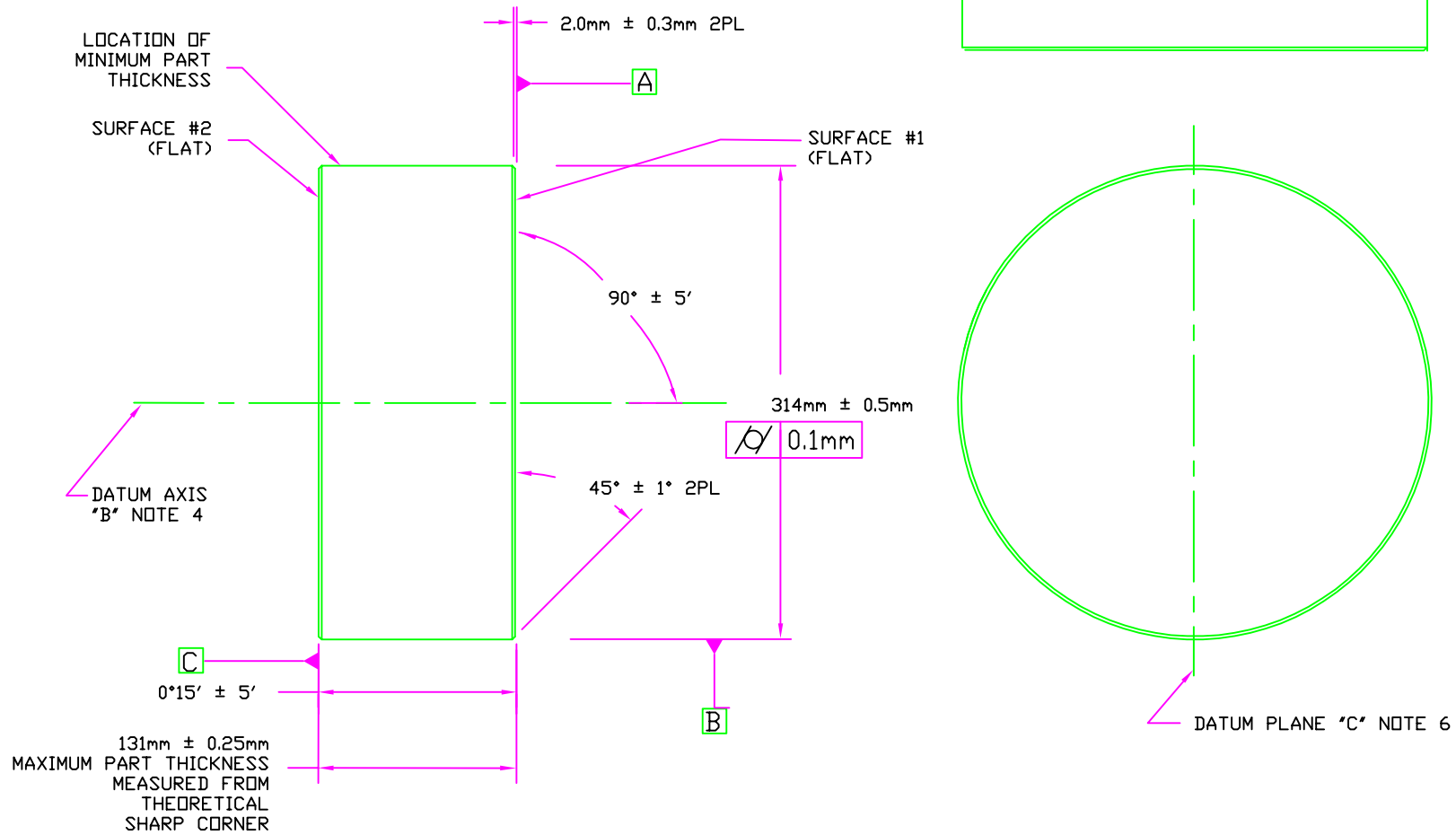


NOTES:

- 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: INSPECTION POLISH.
- 4) THE CRYSTAL A-AXIS IS ALIGNED PERPENDICULAR TO DATUM PLANE 'A' WITHIN 0°30'.
- 5) DATUM AXIS 'B' IS THE CYLINDRICAL AXIS OF THE OPTIC.
- 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'.



UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN MILLIMETERS

TOLERANCES:
FRACTIONAL ±
ANGULAR
ANGULARMACH ± BEND ±
TWO PLACE DECIMAL ± .03

THREE PLACE DECIMAL ± .005
FINISHED SURFACE RMS
BREAK CORNERS IN OUT:
REMOVE ALL BURRS



CALIFORNIA INSTITUTE OF TECHNOLOGY
MASSACHUSETTS INSTITUTE OF TECHNOLOGY

POLISHED BLANK, DOWNSELECT

| | | | | | | | | | | | |
|-----------------------|-------------|------------------------------|-----|-----------------|------------|---|----------------|---------|----------------------------|-----------|------------------------|
| MATERIAL: SAPPHIRE | HEAT TREAT: | FINISH: COMMERCIAL POLISH | A | INITIAL RELEASE | - | - | G. Billingsley | 6/21/02 | CAD FILE DOWNSELECT.dwg | SIZE B | DWG. NO. D020344-00 |
| USED ON: | NEXT ASS'Y: | | REV | DESCRIPTION | DCN NUMBER | | DRWN | DATE | SCALE NTS | SHEET | 1 OF 1 |

ISSUE DESCRIPTION