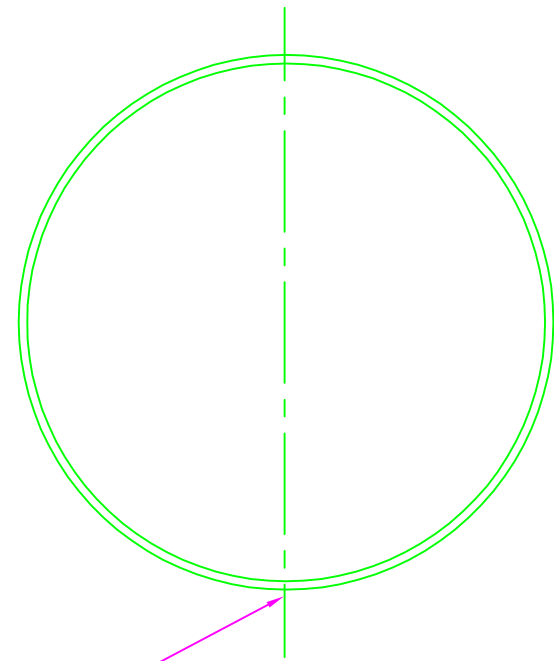
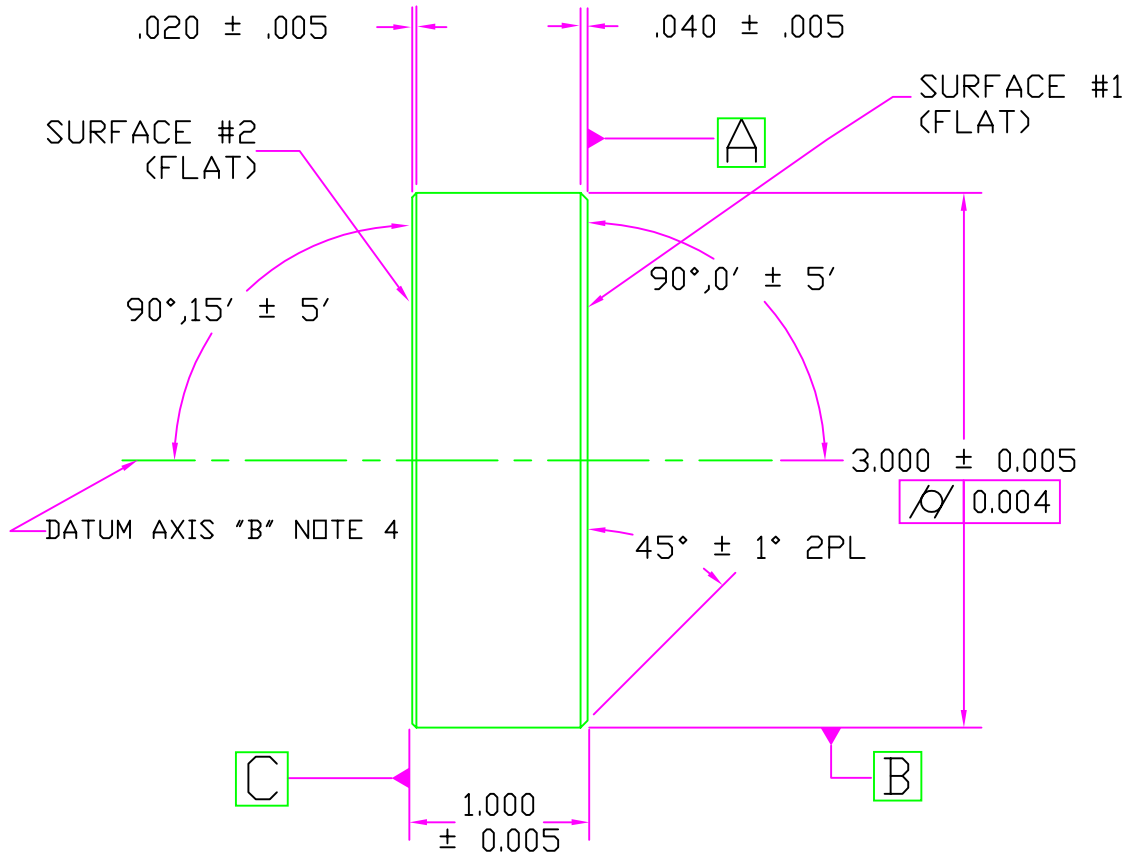


NOTES:

- 1) ALL DIMENSIONS ARE IN INCHES AND DEGREE-MINUTES.
- 2) DRAWING IS TO BE INTERPRETED PER ANSI/ASME Y14.5M-1994
- 3) POLISH ALL FACES, EDGES AND CHAMFERS PER LIGO-E020251
- 4) DATUM AXIS "B" IS PARALLEL TO THE CRYSTAL A-AXIS WITHIN 0°,30', DATUM AXIS "B" IS THE CYLINDRICAL AXIS OF THE OPTIC.
- 5) DATUM AXIS "C" IS PARALLEL TO THE CRYSTAL C-AXIS WITHIN 0°,30', AND IS DEFINED BY THE INTERSECTION OF SURFACE #1 AND THE PLANE DEFINED BY THE THICKEST AND THINEST POINTS OF THE WEDGED CYLINDER.



DATUM AXIS "C" NOTE 5

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES

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

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

MATERIAL:
SAPPHIRE PER LIGO-E020251

HEAT TREAT:

FINISH:
SEE LIGO-E020251

A	INITIAL RELEASE	E020252-00	-	-	G. Billingsley	2/26/02
REV	DESCRIPTION	DCN NUMBER			DRWN	DATE

USED ON:

NEXT ASSY:

ISSUE DESCRIPTION

LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY
MASSACHUSETTS INSTITUTE OF TECHNOLOGY

MECHANICAL Q R&D SUBSTRATE

CAD FILE D020041A.dwg	SIZE B	DWG. NO. D020041-A
SCALE NTS	SHEET 1 OF 1	