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NOTES: (UNLESS OTHERWISE SPECIFIED)

- 1. ALL DIMENSIONS ARE IN MILLIMETERS AND DEGREE-MINUTES.
- 2. DRAWING TO BE INTERPRETED PER ANSI Y14.5M-1982.
- 3. POLISH ALL FACES, EDGES AND CHAMFERS PER SPECIFICATION LIGO-E960102-D.

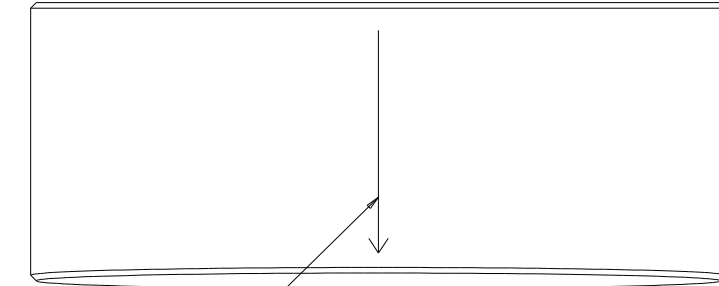
4. REGISTRATION MARK IS LOCATED COINCIDENT WITH THE REGISTRATION MARK DRAWN ON THE BLANK ±1mm.

5. TBD. NOMINAL VALUE NOT TO EXCEED 2°0' ±5' TOLERANCE.

REV	DATE	DRAWN BY	CHECKED	DCC	DCN/DESCRIPTION
A	9-8-96	C CONLEY			E960113/INITIAL RELEASE

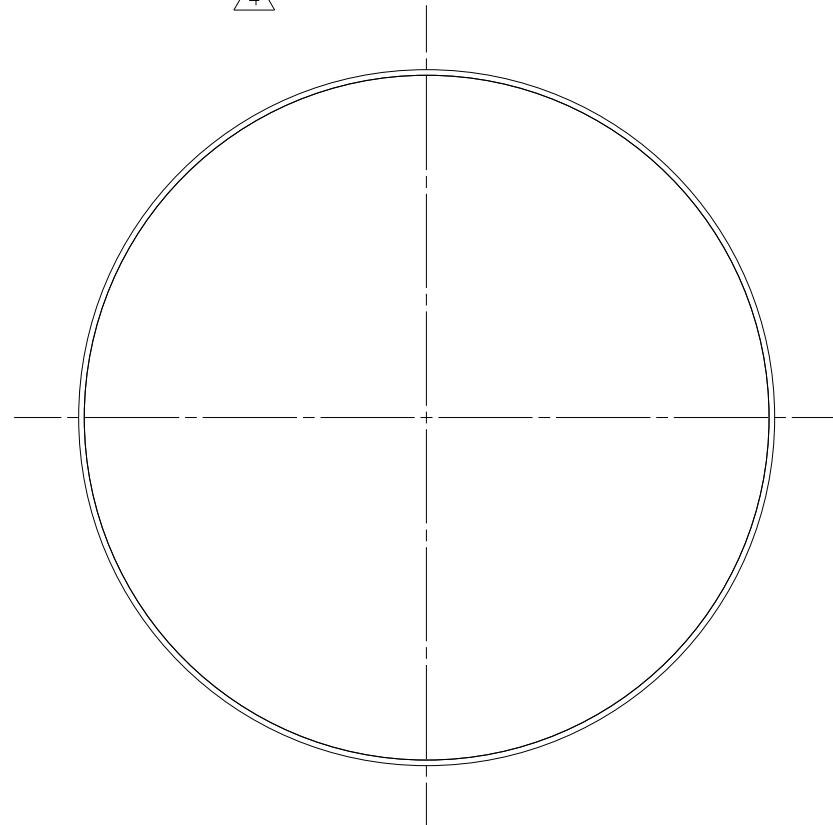
D
C
B
A

D
C
B
A



ETCH 0.25mm ±0.05mm WIDE X 80mm ±5mm LONG LINE WITH ARROW POINTING TOWARD SURFACE #1, PARALLEL TO -A- WITHIN ±0.10mm, CENTERED BETWEEN SURFACES #1 AND #2, AND AT LOCATION OF MINIMUM PART THICKNESS ±0°15'.

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(LOCATION OF MINIMUM THICKNESS)

ETCH SERIAL NUMBER APPROX. WHERE SHOWN, LETTERING APPROX. 4mm HIGH

CHAMFER 2.0 mm ±0.3 mm 2PL

SURFACE #2 (FLAT)

SURFACE #1

RADIUS PER SPEC. LIGO-E960102-D

ø250 mm ^{+1 mm} _{-0 mm}

0.1 mm
-A-

45°±1° 2PL

90°0' ±0°5'

(-A-)

(-A-)

100 mm ^{+0.0 mm} _{-0.5 mm} MAX PART THICKNESS FROM THEORETICAL SHARP CORNER

5

ETCH 0.25mm ±0.05mm WIDE X 80mm ±5mm LONG 3X 90°±15' APART FROM LINE WITH ARROW (SEE TOP VIEW) PARALLEL TO -A- WITHIN ±0.10mm, CENTERED BETWEEN SURFACES #1 AND #2

DRWN	C CONLEY	DATE	9-8-96	CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		LIGO PROJECT	
CHKD				CAD FILE: D960791-A_substrate_ETM.asc			
ENGR				END TEST MASS SUBSTRATE			
APPD							
MATERIAL: FUSED SILICA PER LIGO-E960097-D				SCALE: NTS	SIZE	DRAWING NUMBER	SHEET
DO NOT SCALE DRAWING				B	D960791-A-D	1	OF 1

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