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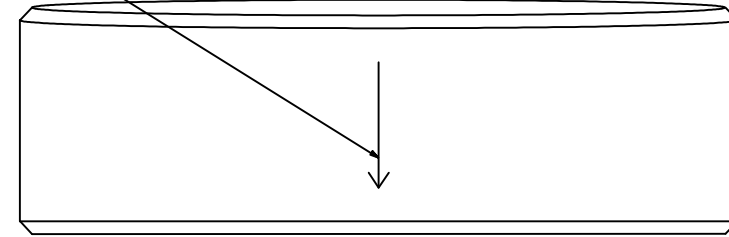
1

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-E010099.

REV	DATE	DRAWN BY	CHECKED	DCC	DCN/DESCRIPTION
A	09-05-01	BILLINGSLEY			E010104-00

ETCH OR GRIND 0.25 MM ±0.05MM WIDE × 17MM ±1MM 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 ±1°0'



(LOCATION OF MINIMUM THICKNESS)

ETCH OR GRIND PART AND SERIAL NUMBER APPROX WHERE SHOWN, LETTERING APPROX 2MM HIGH

ETCH OR GRIND 0.25 MM ±0.05MM WIDE × 17MM ±1MM LONG 3× 90°±15' APART FROM LINE WITH ARROW (SEE TOP VIEW) PARALLEL TO -A- WITHIN ±0.10MM, CENTERED BETWEEN SURFACES #1 AND #2

CHAMFER 1.3±0.3 2PL

SURFACE #2 (FLAT)

SURFACE #1

RADIUS PER SPEC. LIGO-E010099

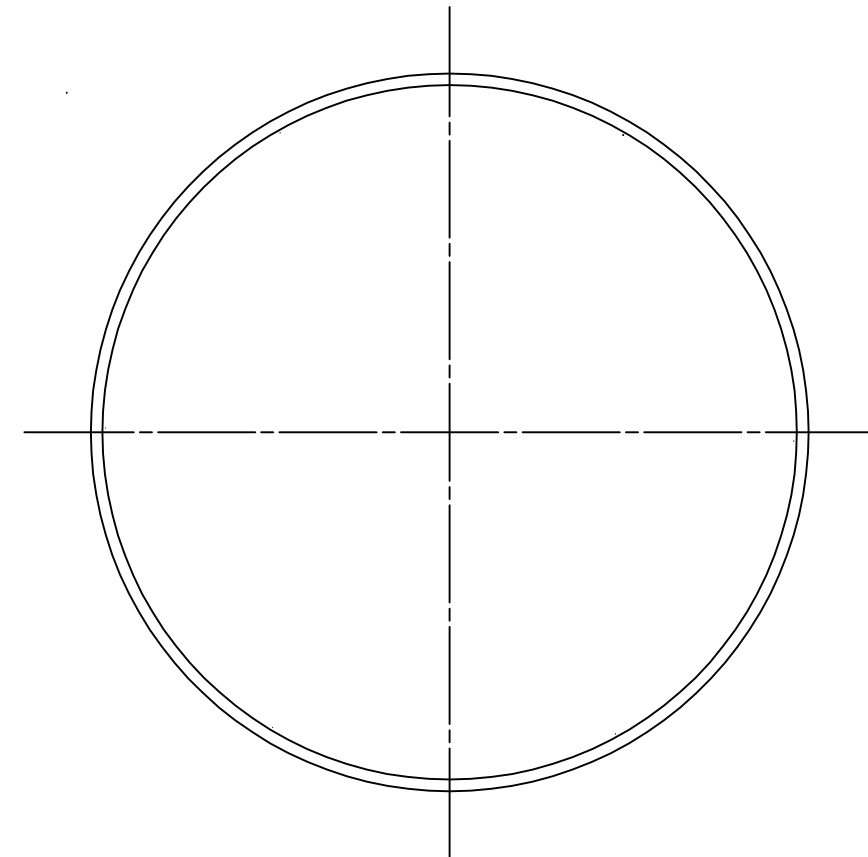
75.5mm ±0.5mm

⊙ 0.1 mm
-A-

45° 2PL

25mm +0.0mm
-0.5mm

FROM THEORETICAL SHARP CORNER



DRWN	BILLINGSLEY	DATE	09-05-01	CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		LIGO PROJECT	
CHKD				CAD FILE:			
ENGR				SUBSTRATE, POWER RECYCLING MIRROR, 40M RSE EXPERIMENT			
APPD				MATERIAL: FUSED SILICA		SCALE: NTS	
DO NOT SCALE DRAWING		SIZE	B	DRAWING NUMBER	D010101-A	SHEET	1 OF 1

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