

- SURFACE FINISH NOTES:
- 1. ALL DIMENSIONS IN MM.
  - 2. MATERIAL: CORNING ULE STD. GRADE.
  - 3. SURFACE FIGURE IRREGULARITY REQUIREMENT IS IN RMS WAVES AT 632.8 NM.
  - 4. SURFACE IMPERFECTIONS (SCRATCH-DIG) 80-50.
  - 5. R1/R2 WEDGE LESS THAN 0.1 MM TIR.

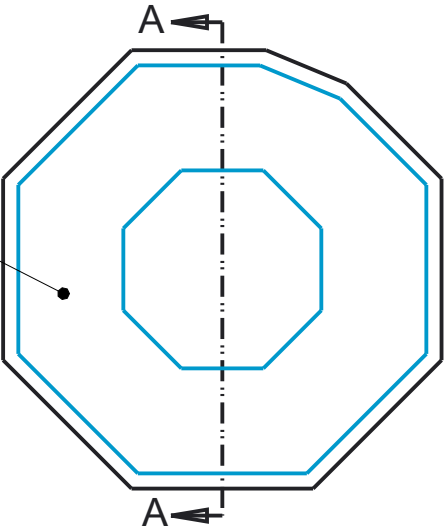
FINISH:SEE NOTES

QUANTITY: 1

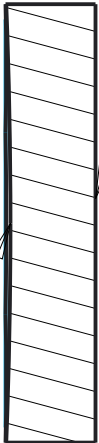


FINE GRIND

CLEAR APERTURE



SHOP POLISH



POLISH PER  
NOTES

SECTION A-A

RADIUS	RAD TOL	IRR TOL	CA WIDTH
2000	$\pm 4$	.05 WV RMS	143.94
PLANO	NA	NA	NA

UNLESS OTHERWISE SPECIFIED:  
DIMENSIONS ARE IN MILLIMETERS  
TOLERANCES:  
ANGULAR: MACH: $\pm 0.5^\circ$  BEND: $\pm 0.5^\circ$   
ONE PLACE DECIMAL:  $\pm 0.1$   
TWO PLACE DECIMAL:  $\pm 0.05$

DESC:  
ESIS primary mirror test blank

TITLE:  
PRIMARY\_TEST

MATL:SEE NOTE 2

SIZE:  
A

DWG. NO:1 OF1

REV:  
C

MDL.BY:COURRIER

SCALE:0.375

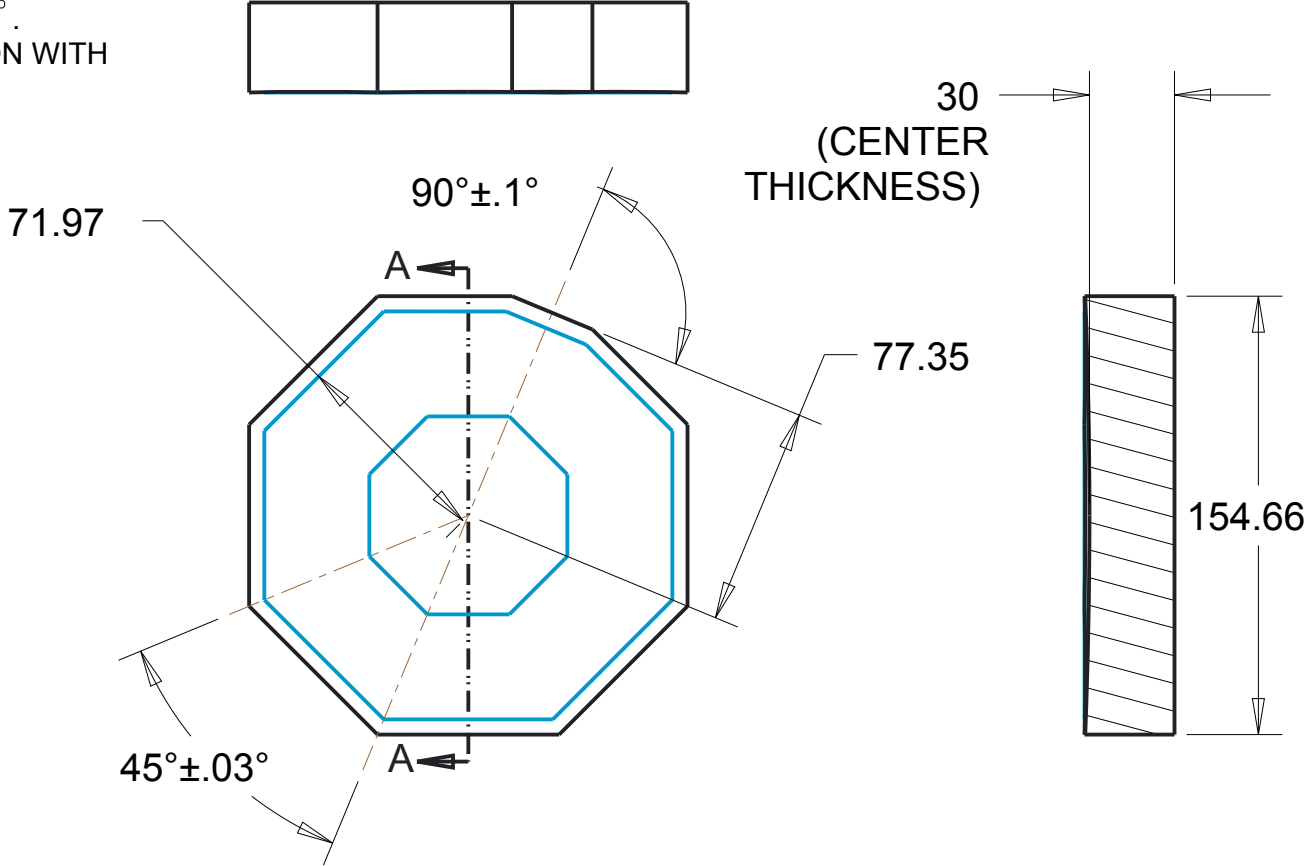
DATE:Jun-24-16

SHEET:1 OF2

- FORM FACTOR NOTES:
- 1. ALL DIMENSIONS IN MM.
  - 2. MATERIAL: CORNING ULE STD. GRADE.
  - 3. WIDTH TOLERANCE +0.00/-0.10.
  - 4. THICKNESS TOLERANCE  $\pm 0.15$
  - 5. ALL EDGES CHAMFERED 0.5 MM X 45°.
  - 6. FORM FACTOR IS REGULAR OCTAGON WITH ONE CORNER REMOVED

FINISH:SEE NOTES

QUANTITY: 1



SECTION A-A

RADIUS	RAD TOL	IRR TOL	CA WIDTH
2000	±4	.05 WV RMS	143.94
PLANO	NA	NA	NA

UNLESS OTHERWISE SPECIFIED:  
DIMENSIONS ARE IN MILLIMETERS  
TOLERANCES:  
ANGULAR: MACH:±0.5° BEND:±0.5°  
ONE PLACE DECIMAL: ±0.1  
TWO PLACE DECIMAL: ±0.05

DESC:  
ESIS primary mirror test blank

TITLE:  
PRIMARY\_TEST

MATL:SEE NOTE 2

SIZE:  
A

DWG. NO:1 OF1

REV:  
C

MDL.BY:COURRIER

SCALE:0.375

DATE:Jun-24-16

SHEET:2 OF2