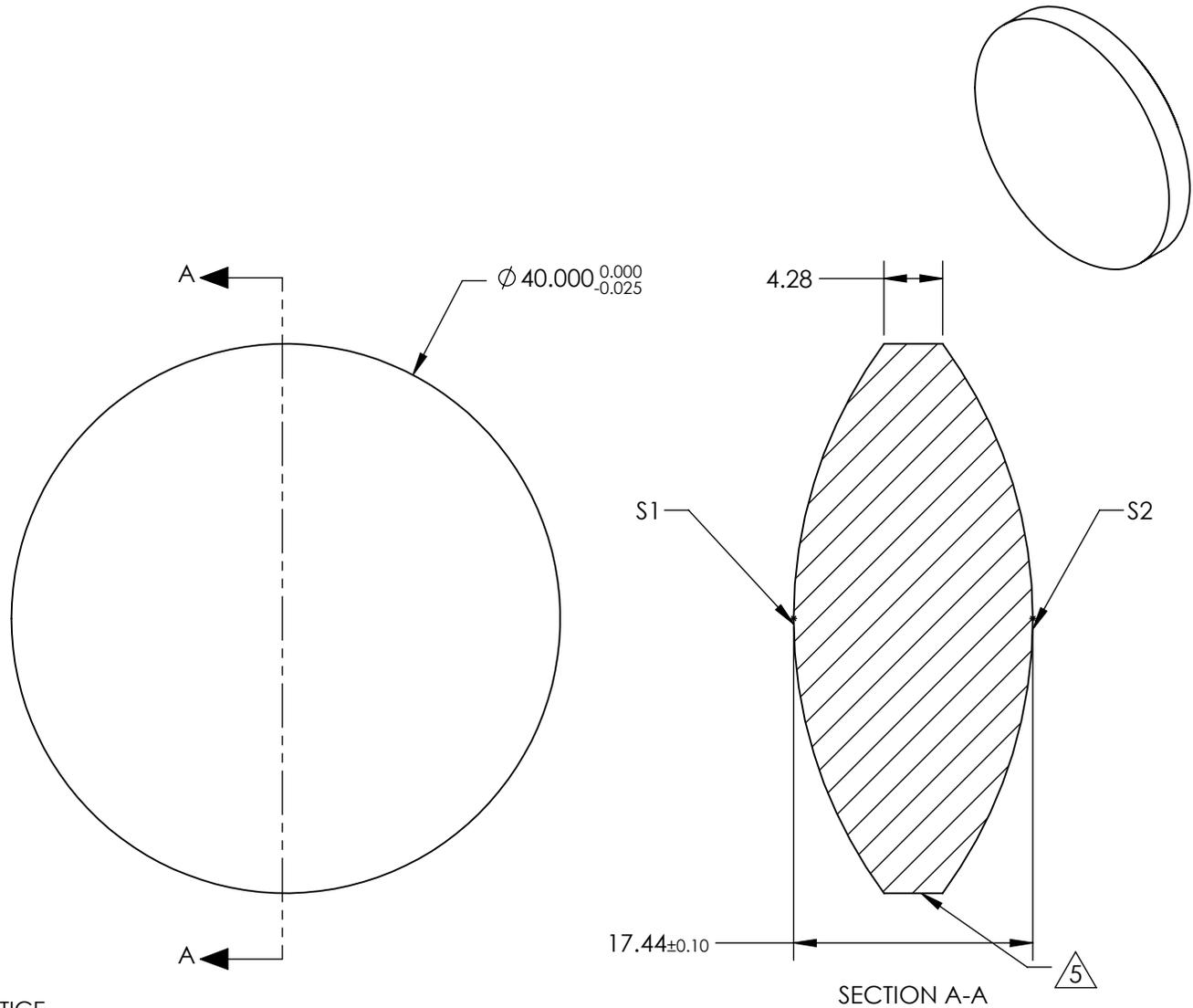


NOTES:

1. SUBSTRATE:  
Fused Silica 458/678
2. ROHS COMPLIANT
3. CENTERING TOLERANCE (AT 587.6nm):  
BEAM DEVIATION (HALF ANGLE): <1 ARCMIN
4. COATING (APPLY ACROSS COATING APERTURE)  
S1 & S2: NONE
5. FINE GRIND SURFACE
6. POWER, IRREGULARITY, AND SURFACE QUALITY  
SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
7. FOCAL LENGTH (EFL): 40.00mm±1%  
BACK FOCAL LENGTH (BFL): 33.49mm
8. PROTECTIVE BEVEL AS NEEDED
9. DESIGN WAVELENGTH: 587.6nm

**FOR INFORMATION ONLY:  
DO NOT MANUFACTURE  
PARTS TO THIS DRAWING**

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE  
DIMENSIONS ARE FOR REFERENCE ONLY



	S1	S2
SHAPE	CONVEX	CONVEX
RADIUS	33.69	33.69
SURFACE QUALITY	40-20	40-20
MIN CLEAR APERTURE	∅ 39.00	∅ 39.00
MIN COATING APERTURE	N/A	N/A
POWER AT 632.8nm	3.00 RINGS	3.00 RINGS
IRREGULARITY AT 632.8nm	0.5 RINGS	0.5 RINGS

THIRD ANGLE PROJECTION

ALL DIMS IN

mm

**Edmund Optics®**

TITLE

40mm Dia. x 40mm FL, Uncoated, UV Double-Convex Lens

DWG NO

22420

SHEET  
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