

1. SUBSTRATE:
ELEMENT A: N-SSK8 618/498
ELEMENT B: N-SF10 728/284
2. ROHS COMPLIANT
3. CENTERING TOLERANCE (AT 587.6nm):
BEAM DEVIATION (HALF ANGLE): <1 ARCMIN
4. COATING (APPLY ACROSS COATING APERTURE)
S1 & S4: VIS-NIR
R(ABS) $\leq 0.25\%$ @ 880nm @ 0° AOI
R(AVG) $\leq 1.25\%$ FROM 400 - 870nm @ 0° AOI
R(AVG) $\leq 1.25\%$ FROM 890 - 1000nm @ 0° AOI

5 FINE GRIND SURFACE

6. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE

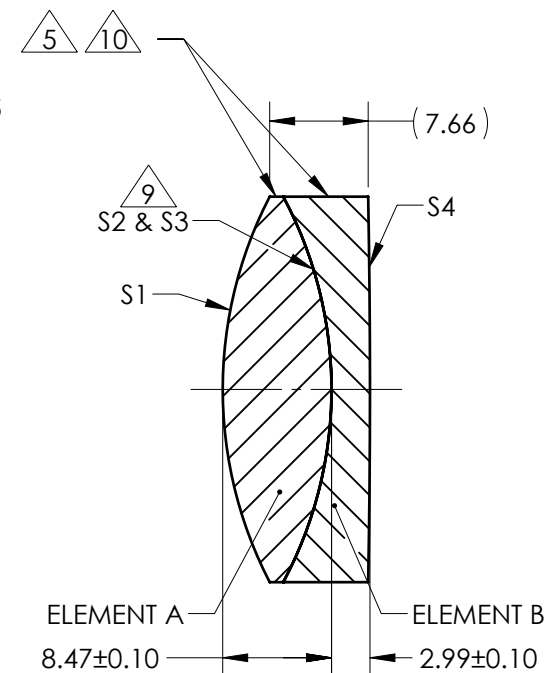
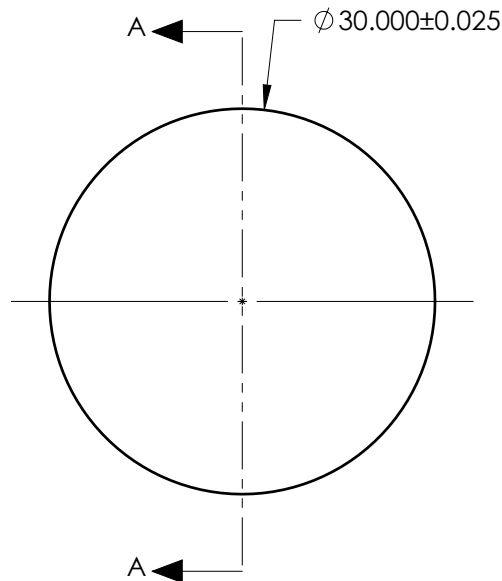
7. FOCAL LENGTH (EFL): 60.00mm±1%
BACK FOCAL LENGTH (BFL): 52.50mm

8. PROTECTIVE BEVEL AS NEEDED

9. DESIGN WAVELENGTH: 587.6nm

9 ELEMENTS TO BE CEMENTED WITH NORLAND OPTICAL ADHESIVE NOA61

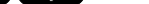
10 BLACKENED SURFACE



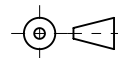
FOR INFORMATION ONLY:
DO NOT MANUFACTURE
PARTS TO THIS DRAWING

	SPECIFICATIONS AFTER CEMENTING			
ELEMENT TITLE	ELEMENT A		ELEMENT B	
SURFACE	S1	S2	S3	S4
SHAPE	CONVEX	CONVEX	CONCAVE	CONVEX
RADIUS	32.60	31.81	31.81	799.64
SURFACE QUALITY	40 - 20	40 - 20	40 - 20	40 - 20
MIN CLEAR APERTURE	Ø 29.00	Ø 29.00	Ø 29.00	Ø 29.00
MIN COATING APERTURE	Ø 29.00	N/A	N/A	Ø 29.00
POWER AT 632.8nm	3.00 RINGS	3.00 RINGS	3.00 RINGS	3.00 RINGS
IRREGULARITY AT 632.8nm	0.50 RINGS	0.50 RINGS	0.50 RINGS	0.50 RINGS

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

 Edmund Optics®

THIRD ANGLE PROJECTION



ALL DIMS IN

mm

TITLE

DWG NO

49372INK

SHEET
1 OF 1