

1. SUBSTRATE: N-SF5

- R(AVG) <0.5% @ 900 - 1700nm @ $\pm 30^\circ$ AOI
R(ABS) <1% @ 900 - 1700nm @ $\pm 30^\circ$ AOI

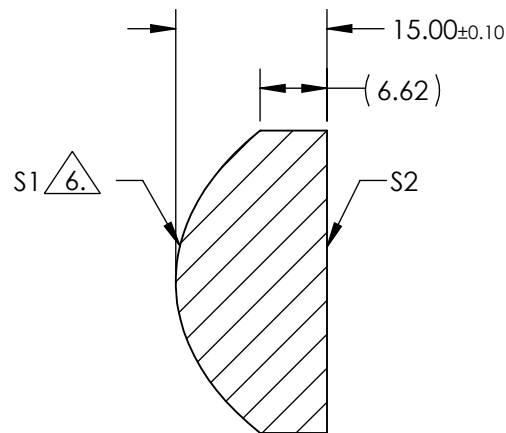
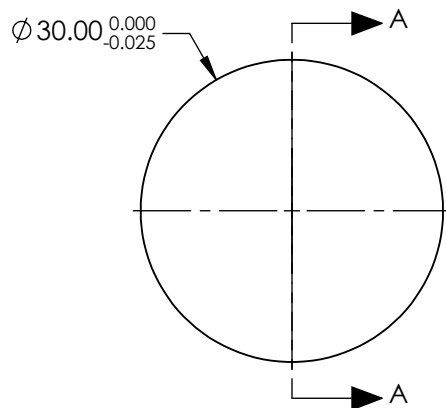
- ### 3. EDGES: FINE GROUND

4. CENTERING: <3 ARCMIN

5. ASPHERE FIGURE ERROR: 0.25 μ m RMS

6. ASPHERIC SURFACE DESCRIBED BY (REF. COEFFICIENT TABLE)

$$Z_{ASPH}(Y) = \frac{(1/RADIUS)^*Y^2}{1 + \sqrt{1 - (1+k)*(1/RADIUS)^2*Y^2}} + D*Y^2 + E*Y^4 + F*Y^6 + G*Y^8 + H*Y^{10} + J*Y^{12} + L*Y^{14}$$



SECTION A-A

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

COEFFICIENT TABLE 

COEFFICIENT	S1
SEMI-DIAMETER	1.500000E+01
(1/RADIUS)	6.606765E-02
K	-1.081599E+00
D	0.000000E+00
E	1.9847737E-05
F	8.487952E-09
G	6.836397E-12
H	-5.198550E-14
J	0.000000E+00
L	0.000000E+00

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2	EFL @ 587.6nm	22.50	 Edmund Optics®		
SHAPE	CONVEX	PLANO	BFL @ 587.6nm	13.53			
RADIUS	15.136	INFINITY	THIRD ANGLE PROJECTION 		TITLE	30mm Dia., 0.66 Numerical Aperture, 900-1700nm Coated, Inked, High Precision Aspheric Lens	
SURFACE QUALITY	40-20	40-20					
CLEAR APERTURE	Ø27.00	Ø27.00					
BEVEL MAX	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED	ALL DIMS IN	mm	DWG NO	17004INK	SHEET 1 OF 1

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