

NOTES:
1. SUBSTRATE: N-BK7

0. COATING (APPLY ACROSS CLEAR APERTURE)

S1: NONE
S2: NONE

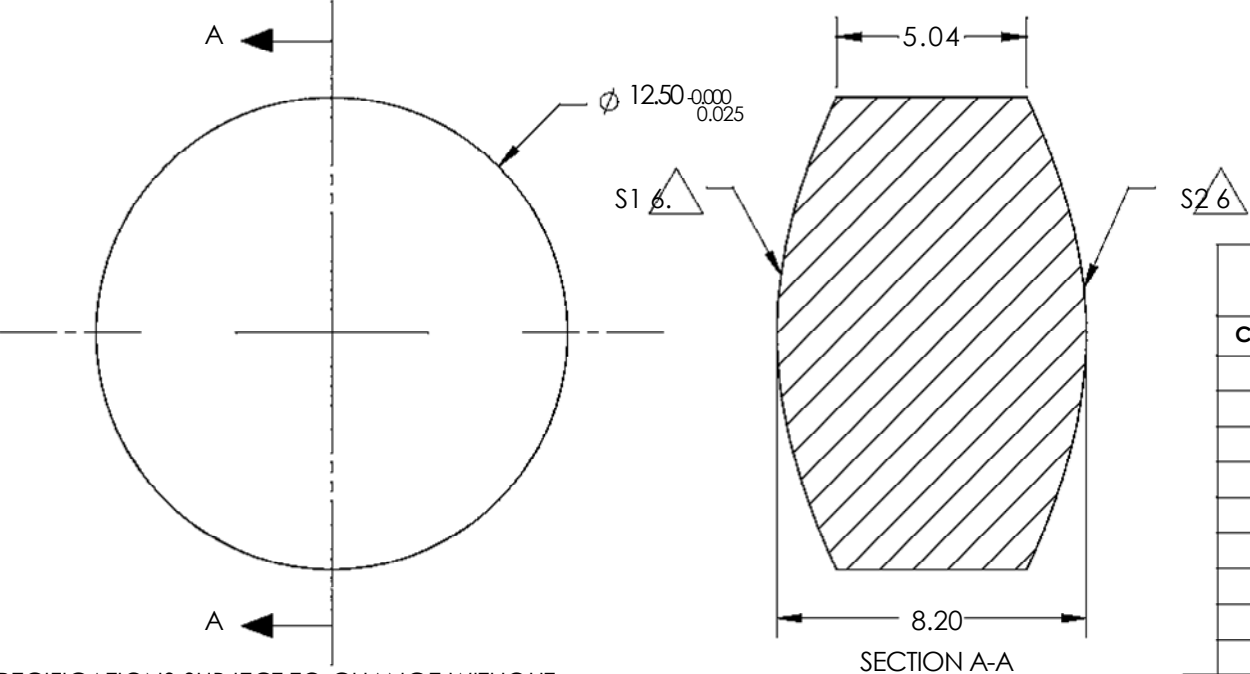
3.FINE GRIND SURFACE

4.CENTERING: 3 ARCMIN

5.ASPHERE FIGURE ERROR, @632.8nm: 0.4λ RMS and 2λ PV

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

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



COEFFICIENT TABLE 6.		
COEFFICIENT	S1	S2
(1/RADIUS)	8.828463E-02	8.828463E-02
k	-2.300000E+00	-2.300000E+00
D	0.000000E+00	0.000000E+00
E	0.000000E+00	0.000000E+00
F	0.000000E+00	0.000000E+00
G	0.000000E+00	0.000000E+00
H	0.000000E+00	0.000000E+00
J	0.000000E+00	0.000000E+00
L	0.000000E+00	0.000000E+00

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICEDIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2
SHAPE	CONVEX	CONVEX
SURFACE QUALITY	40-20	40-20
CLEAR APERTURE	Ø1.25	Ø1.25
LEVEL	PROTECTED AS NEEDED	PROTECTED AS NEEDED

EFL @ 587.6nm	12.50
BFL @ 587.6nm	9.42
THIRD ANGLE PROJECTION	
ALL DIMS IN	mm

Edmund Optics®

TITLE	12.5mm Dia. X 12.5mm FL Uncoated, Double Sided Aspheric Lens		
DWG NO	18417	SHEET	1 OF 1