

NOTES:
1. SUBSTRATE: N-BK7

2. COATING (APPLY ACROSS CLEAR APERTURE)

S1: NONE
S2: NONE

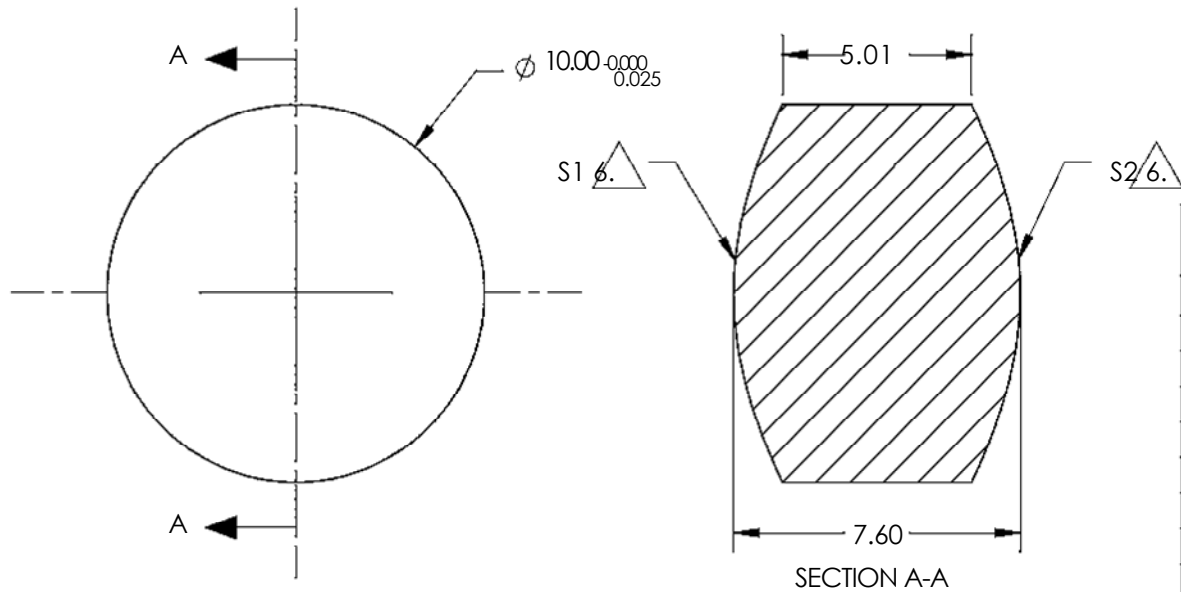
3.FINE GRIND SURFACE

4.CENTERING: 3 ARCMIN

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

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

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



COEFFICIENT TABLE 6.		
COEFFICIENT	S1	S2
(1/RADIUS)	1.134044E-01	1.134044E-01
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	Ø9.00	Ø9.00
LEVEL	PROTECTED AS NEEDED	PROTECTED AS NEEDED

EFL @ 587.6nm	10.00
BFL @ 587.6nm	7.06
THIRD ANGLE PROJECTION	
ALL DIMS IN	mm

Edmund Optics®

TITLE	10mm Dia. X 10mm FL Uncoated, Double Sided Aspheric Lens		
DWG NO	18414	SHEET	1 OF 1