NOTES:
1. SUBSTRATE: N-BK7

2. BEAM DEVIATION: 3 ARCMIN

3. COATING (APPLY ACROSS CLEAR APERTURE)

    S1: NONE
    S2: NONE
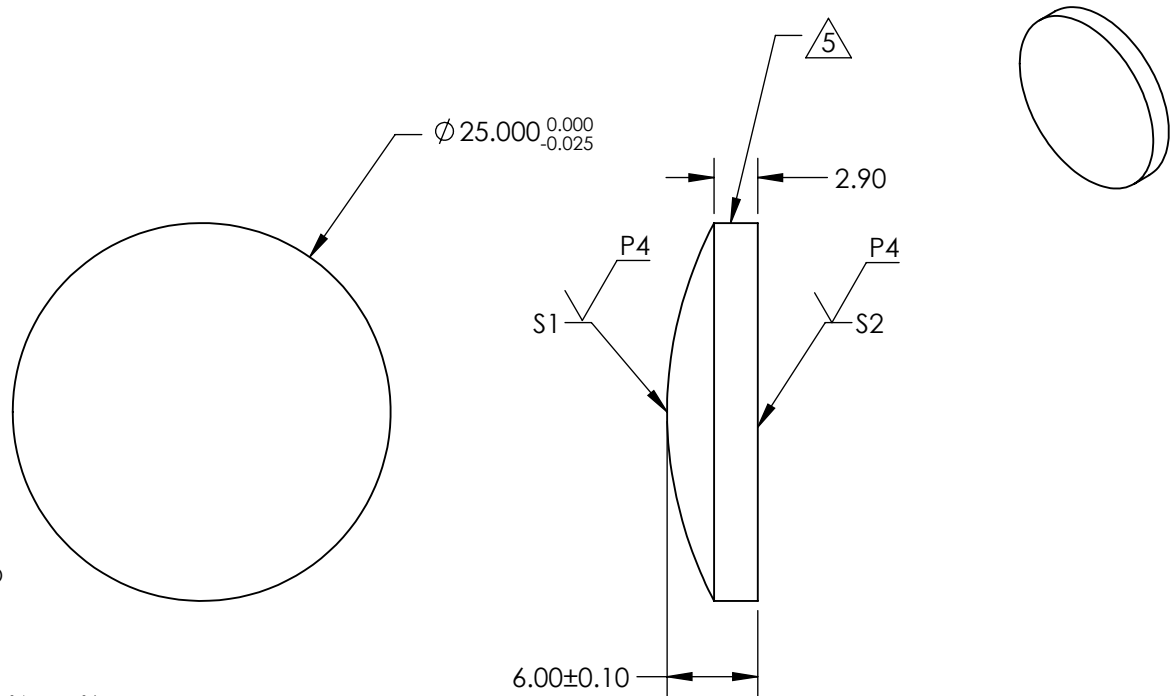
4. REQUIRED ASPHERIC FIGURE ERROR:

    S1: 0.158 µm RMS
    S2: N/A

5. FINE GRIND SURFACE

6. ROHS COMPLIANT

7. ASPHERIC SURFACE DESCRIBED BY THE FOLLOWING EQUATION AND COEFFICIENTS SHOWN IN TABLE BELOW

$$Z(Y)=\frac{\left(\frac{1}{RADIUS}\right)*Y^2}{1+\sqrt{1-(1+k)*\left(\frac{1}{RADIUS}\right)^2*Y^2}}+D*Y^2+E*Y^4+F*Y^6+G*Y^8+H*Y^{10}+J*Y^{12}+L*Y^{14}+M*Y^{16}$$

$\varnothing$ 25.000 $^{0.000}_{-0.025}$

2.90

P4   S1

P4   S2

6.00±0.10

COEFFICIENT TABLE 7.	
Coefficient	S1
RADIUS	25.840
k	-7.109019E-01
D	0.000000E+00
E	9.939091E-07
F	2.686506E-10
G	0.000000E+00
H	0.000000E+00
J	0.000000E+00
L	0.000000E+00
M	0.000000E+00

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	PLANO
POWER AT 632.8nm	N/A	2 RINGS
IRREGULARITY AT 632.8nm	N/A	0.5 RING
SURFACE QUALITY	10 - 5	10 - 5
CLEAR APERTURE	$\varnothing$ 22.50	$\varnothing$ 22.50
BEVEL	PROTECTED AS NEEDED	PROTECTED AS NEEDED

Edmund Optics®

THIRD ANGLE PROJECTION

TITLE: LENS ASPHERE LOW SCATTER 25mm DIA F/2 UNCTD

ALL DIMS IN   mm

DWG NO: 20080

SHEET 1 OF 1