

NOTES:

- SUBSTRATE: N-BK7
- BEAM DEVIATION: 3 ARCMIN
- COATING (APPLY ACROSS CLEAR APERTURE)

S1: NONE
S2: NONE

4. ASPHERE FIGURE ERROR: $\lambda/4$ RMS and 1.25 λ PV

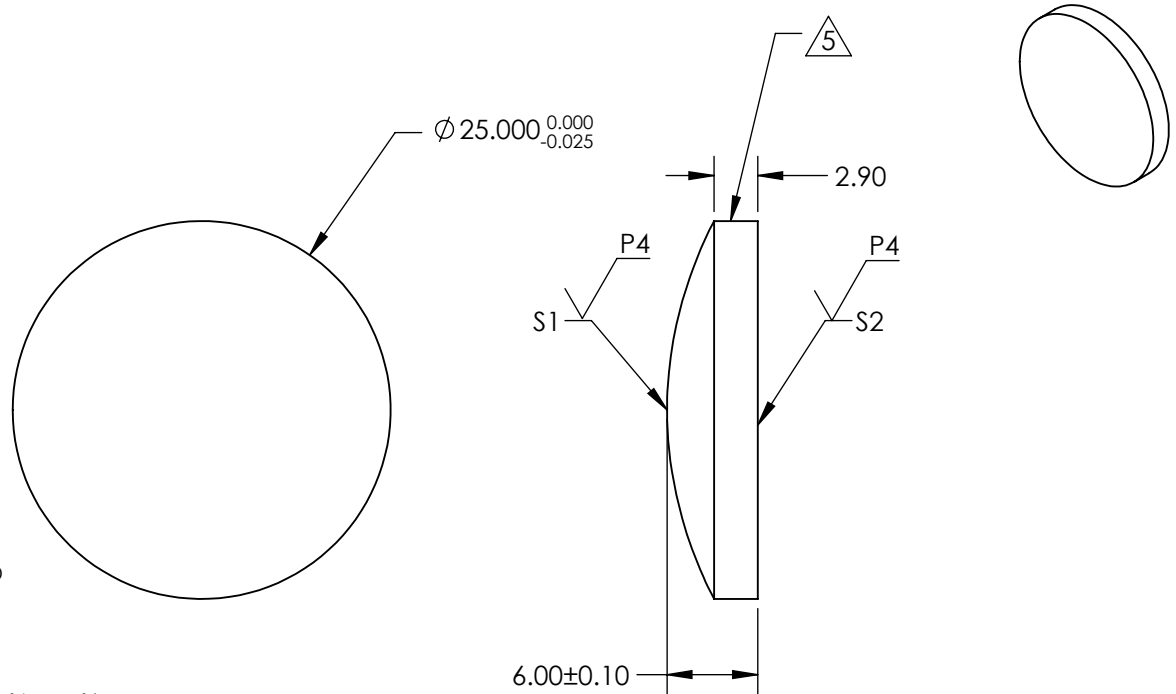
5. SLOPE ERROR ASPHERIC SIDE: 0.35 μ m/mm per 1mm Window

6. FINE GRIND SURFACE

7. ROHS COMPLIANT

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

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



COEFFICIENT TABLE 8	
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	Ø 22.50	Ø 22.50
BEVEL	PROTECTED AS NEEDED	PROTECTED AS NEEDED



ALL DIMS IN

mm

Edmund Optics®

TITLE

LENS ASPHERE LOW SCATTER 25mm DIA F/2
UNCTD

DWG NO

20080

SHEET
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