

NOTES:

1. ALLOWABLE OPTICAL MATERIAL:
OHARA: L-BAL35 589/612
2. CENTERING TOLERANCE (AT 587.6nm):
BEAM DEVIATION: ≤ 1 arcmin
3. COATING (APPLY ACROSS CLEAR APERTURE)
S1: NONE
S2: NONE

△ 4. FINE GROUND SURFACE

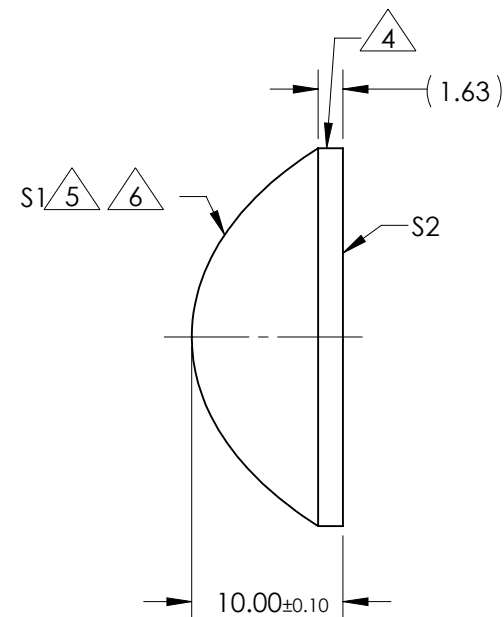
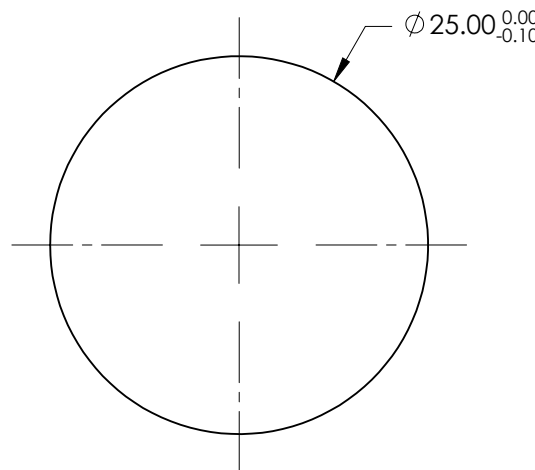
△ 5. SURFACE ACCURACY S1: $< 0.25\mu\text{m RMS}$

△ 6. ASPHERIC SURFACE:

$$Z(Y) = \frac{C*Y^2}{1+\text{SQRT}[1-(1+k)*C^2*Y^2]} + D*Y^2 + E*Y^4 + F*Y^6 + G*Y^8 + H*Y^{10} + J*Y^{12} + L*Y^{14}$$

C = 9.053051E-02
k = -8.305669E-01
D = 0
E = 2.788841E-05
F = 3.683491E-08
G = 1.630397E-10
H = -6.240627E-13
J = 0.000000E+00
L = 0.000000E+00

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



FOR INFORMATION ONLY:
DO NOT MANUFACTURE PARTS TO THIS DRAWING

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2	DIMENSIONS ARE FOR REFERENCE ONLY				
SHAPE	CONVEX	PLANO	EFL (AT 587.6nm)	(18.75)	 Edmund Optics®		
RADIUS	11.046 ±0.5% 	INFINITY					
SURFACE QUALITY	20 - 10	20 - 10	BFL (AT 587.6nm)	(12.46)	TITLE	ø25mm Calibration Grade Aspheric Lens, 0.66NA, Uncoated	
MIN CLEAR APERTURE	Ø 22.00	Ø 22.00					
BEVEL MAX FACE	0.4 x 45°	0.4 x 45°	ALL DIMS IN	mm	DWG NO	69141	SHEET 1 OF 1