

NOTES:

1. ALLOWABLE OPTICAL MATERIAL:

SCHOTT: N-SF5 673/323

2. CENTERING TOLERANCE (AT 587.6nm):

IMAGE RUNOUT: 0.1mm

3. COATING (APPLY ACROSS CLEAR APERTURE)

S1 & S2: 1/4 Wave MgF2@550nm

R(avg) ≤1.5% FROM 400-700nm (BK7)

4. FINE GRIND SURFACE

5. ASPHERIC SURFACE:

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

C = -0.074327338

k = -0.950248

D = 0

E = -1.9248277E-05

F = -1.5748184E-08

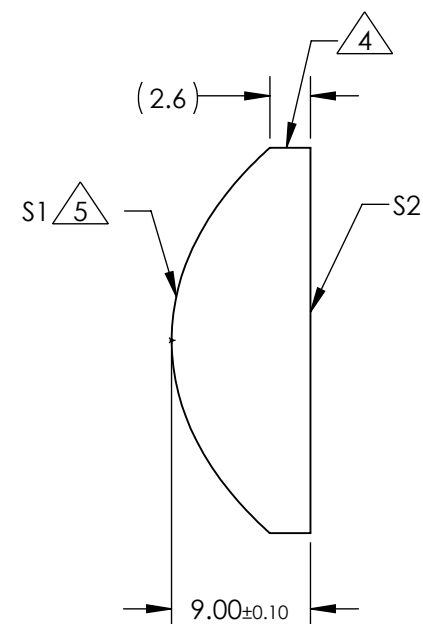
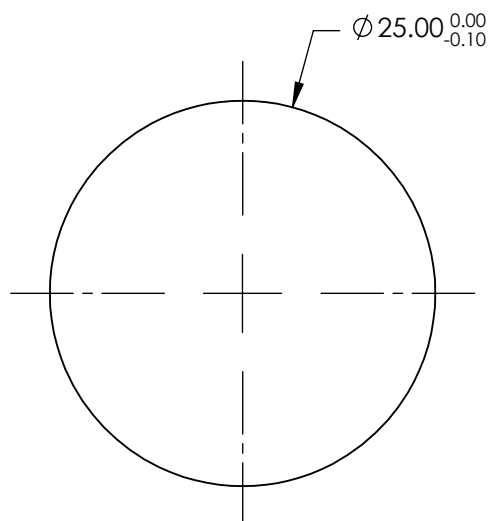
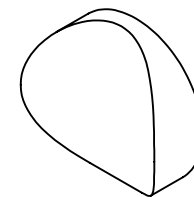
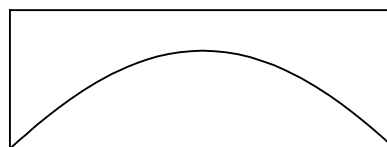
G = 4.4970665E-11

H = 0

J = 0

L = 0

SURFACE ACCURACY: ≤ 1 μm RMS



**FOR INFORMATION ONLY:
DO NOT MANUFACTURE
PARTS TO THIS DRAWING**

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2	EFL (AT 587.6nm)	20.0	 Edmund Optics®	
SHAPE	CONVEX	PLANO				
RADIUS	13.454±0.100 $\triangle_5$	INFINITY				
SURFACE QUALITY	60 - 40	60 - 40	BFL (AT 587.6nm)	14.6	TITLE	25mm Dia x 20mm FL Acylinder Lens, MgF2 Coating
CLEAR APERTURE	Ø 22.50	Ø 22.50				
BEVEL MAX FACE	0.25 x 45°	0.25 x 45°	ALL DIMS IN	mm	DWG NO	86036
					SHEET 1 OF 1	