

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: NONE
S2: NONE

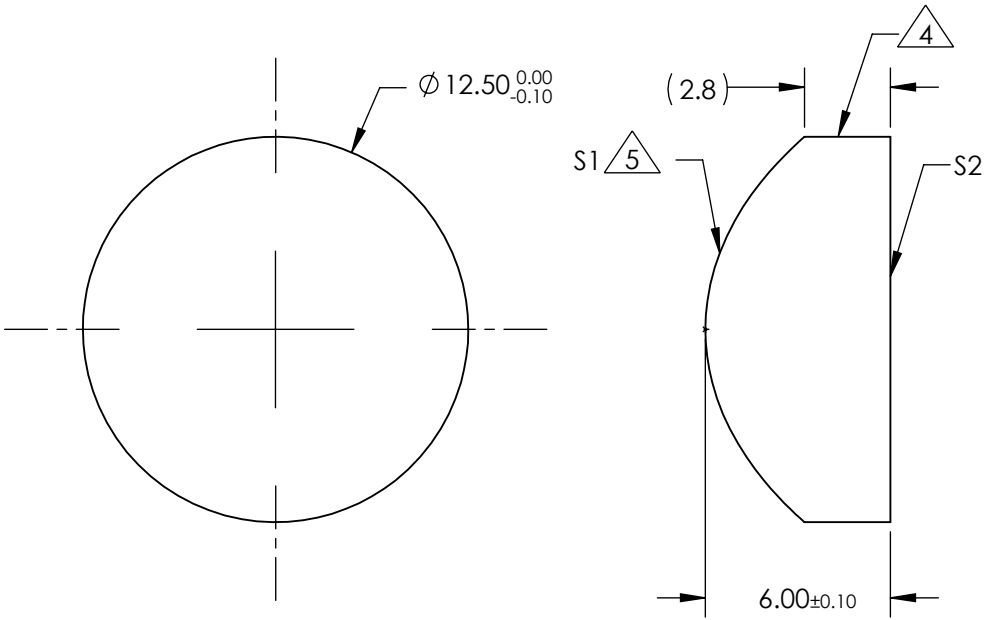
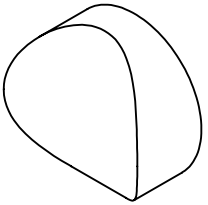
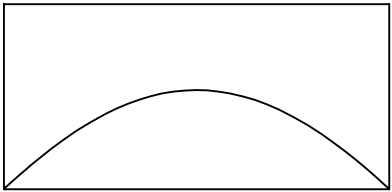
4. FINE GRIND SURFACE

5. ASPHERIC SURFACE:

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

C = -0.14865467519
k = -1.009457
D = 0
E = -1.8886865E-04
F = -6.7138861E-07
G = 5.3990906E-09
H = 0
J = 0
L = 0

SURFACE ACCURACY: $\leq 1 \mu\text{m RMS}$



**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)	10.00	 Edmund Optics®		
SHAPE	CONVEX	PLANO					
RADIUS	6.727±0.100 	INFINITY					
SURFACE QUALITY	60 - 40	60 - 40	BFL (AT 587.6nm)	6.4	TITLE	12.5mm Dia x 10mm FL Acylinder Lens, Uncoated	
CLEAR APERTURE	Ø 11.25	Ø 11.25					
BEVEL MAX FACE	0.25 x 45°	0.25 x 45°	ALL DIMS IN	mm	DWG NO	86030	SHEET 1 OF 1