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)

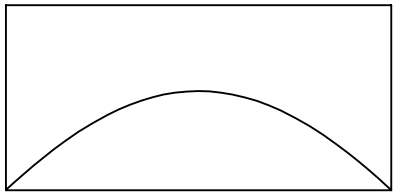
4. FINE GRIND SURFACE

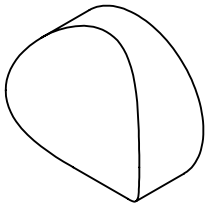
5. ASPHERIC SURFACE:

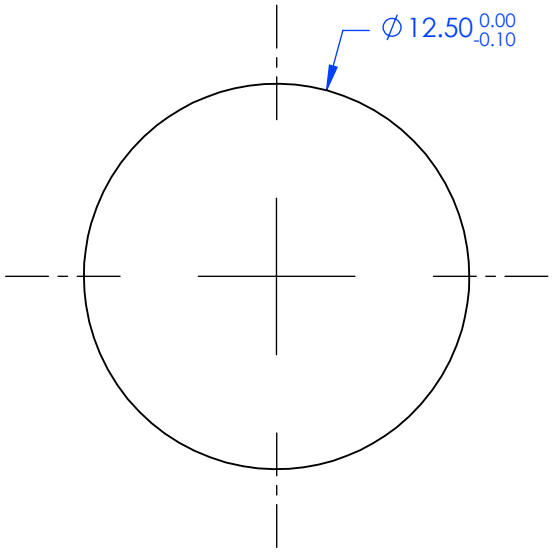
$$Z(Y)=\frac{C*Y^2}{1+SQRT[1-(1+k)*C^2*Y^2]}+D*Y^2+E*Y^4+F*Y^6+G*Y^8+H*Y^{10}+J*Y^{12}+L*Y^{14}$$

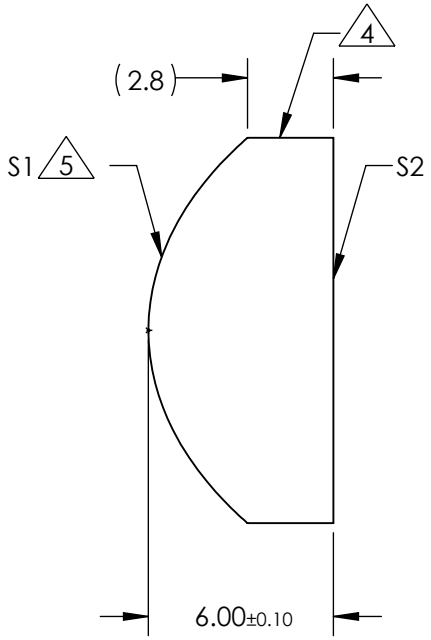
C = -0.14865467519
k = -1.009457
D = 0
E = -1.8886865E-04
F = -6.7138861E-07
G = 5.3990906E-09
H = 0
J = 0
L = 0

SURFACE ACCURACY: ≤ 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
SHAPE	CONVEX	PLANO
RADIUS	6.727±0.100 (5)	INFINITY
SURFACE QUALITY	60 - 40	60 - 40
CLEAR APERTURE	Ø11.25	Ø11.25
BEVEL MAX FACE	0.25 x 45°	0.25 x 45°

EFL (AT 587.6nm)	10.00	Edmund Optics®	
BFL (AT 587.6nm)	6.4	TITLE	12.5mm Dia x 10mm FL Acylinder Lens, MgF2 Coating
ALL DIMS IN	mm	DWG NO	86034
			SHEET 1 OF 1