NOTES:

1. SUBSTRATE: L-BAL35

2. COATING

   S1: NONE
   S2: NONE

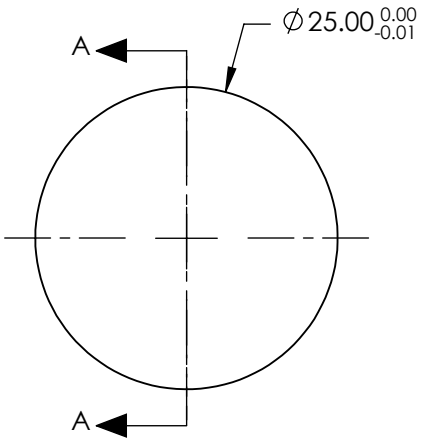
3. EDGES: FINE GROuND

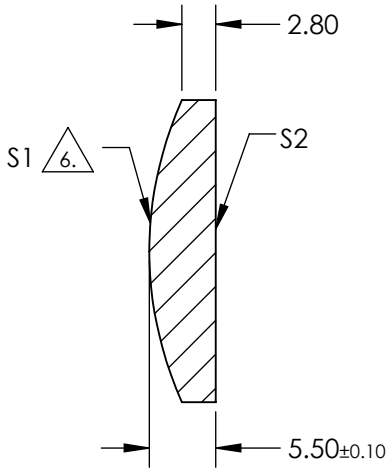
4. CENTERING: 3-5 ARCMIN

5. ASPHERE FIGURE ERROR: 0.75 µm RMS

6. ASPHERIC SURFACE DESCRIBED BY (REF. COEFFICIENT TABLE)

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





SECTION A-A

COEFFIECIENT TABLE 6.	
COEFFIECIENT	S1
SEMI-DIAMETER	12.500000E+00
(1/RADIUS)	3.394779E-02
k	-7.100000E-01
D	0.000000E+00
E	5.839810E-07
F	0.000000E+00
G	0.000000E+00
H	0.000000E+00
J	0.000000E+00
L	0.000000E+00

FOR INFORMATION ONLY:
DO NOT MANUFACTURE PARTS TO THIS DRAWING

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE DIMENSIONS ARE FOR REFERENCE ONLY

REV. A	S1	S2
SHAPE	CONVEX	PLANO
RADIUS	29.457	INFINITY
SURFACE QUALITY	60-40	60-40
CLEAR APERTURE	90%	90%
BEVEL MAX	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

EFL @ 587.6mm : 50		Edmund Optics®	
BFL @587.6mm : 46.54			
THIRD ANGLE PROJECTION		TITLE	25mm DIA, 0.25 NUMERICAL APERTURE, UNCOATED, ASPHERIC LENS
ALL DIMS IN	mm	DWG NO	33944
			SHEET 1 OF 1