NOTES:

1. SUBSTRATE: FUSED SILICA

2. COATING (APPLY ACROSS CLEAR APERTURE)

\$1: R(avg) <2.5% @ 250 - 700nm \$2: R(avg) <2.5% @ 250 - 700nm

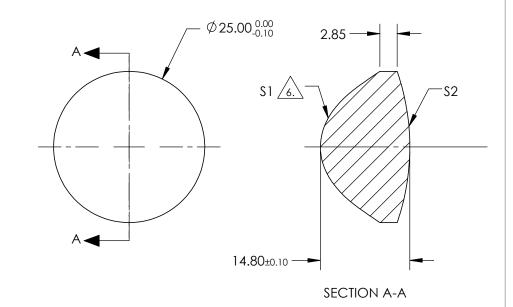
3. EDGES: FINE GROUND

4. CENTERING: <3-5 ARCMIN

5. ASPHERE FIGURE ERROR: 0.75µm RMS

ASPHERIC SURFACE DESCRIBED BY (REF. COEFFICIENT TABLE)

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



COEFFIECIENT TABLE 27						
COEFFIECIENT	\$1					
k	-1.530000E+00					
D	0					
E	1.350000E-04					
F	-9.631000E-08					
G	5.700000E-09					
Н	-6.712900E-11					
J	1.760000E-13					
L	0					

FOR INFORMATION ONLY: PARTS TO THIS DRAWING

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE DIMENSIONS ARE FOR REFERENCE ONLY

REV. A	\$1	\$2	EFL @ 587.6µm	17.5	P	Edmund Optics®
SHAPE	CONVEX	CONVEX	BFL @ 587.6µm	8.37	W	Editional Optics
RADIUS	8.920	38.177		1		25mm DIA 0.69 NA UV-VIS COATED, UV FUSED
SURFACE QUALITY	60-40	60-40	THIRD ANGLE PROJECTION		TITLE	SILICA ASPHERIC LENS
CLEAR APERTURE	90%	90%		<u> </u>		
BEVEL MAX	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED	ALL DIMS IN	mm	DWG NO	33957 SHEET 1 OF 1