

1. SUBSTRATE: FUSED SILICA

- S1: R(avg) <2.5% @ 250 - 700nm
S2: R(avg) <2.5% @ 250 - 700nm

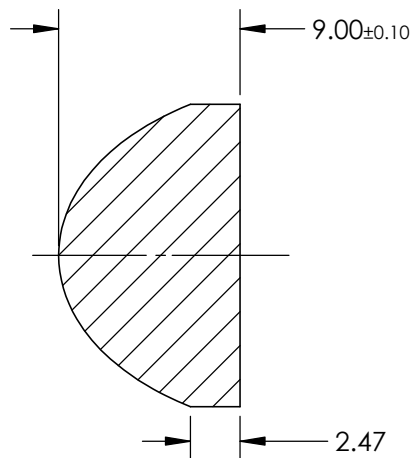
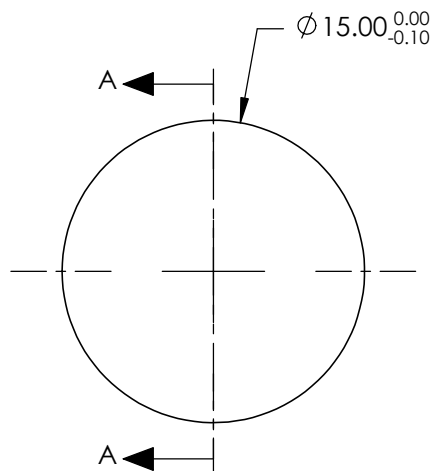
- ### 3. EDGES: FINE GROUND

4. CENTERING: <3-5 ARCMIN

5. ASPHERE FIGURE ERROR: 0.75 μ m RMS

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

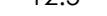
$$Z_{ASPH}(Y) = \frac{(\frac{1}{RADIUS})^*Y^2}{1 + \sqrt{1 - (1+k)*(\frac{1}{RADIUS})^2*Y^2}} + D*Y^2 + E*Y^4 + F*Y^6 + G*Y^8 + H*Y^{10} + J*Y^{12} + L*Y^{14}$$



SECTION A-A

COEFFIECIENT TABLE 	
COEFFIECIENT	S1
K	-1.123452E+00
D	0
E	3.801254E-04
F	2.946223E-06
G	-1.655839E-08
H	0 5.349691E-10
J	0
L	0

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE DIMENSIONS ARE FOR REFERENCE ONLY

REV. A	S1	S2	EFL @ 587.6nm	12.5	 Edmund Optics®		
SHAPE	CONVEX	PLANO	BFL @ 587.6nm	6.33			
RADIUS	5.731	INFINITY	THIRD ANGLE PROJECTION 		TITLE	15mm DIA 0.60 NA UV-VIS COATED, UV FUSED SILICA ASPHERIC LENS	
SURFACE QUALITY	60-40	60-40					
CLEAR APERTURE	90%	90%					
BEVEL MAX	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED	ALL DIMS IN	mm	DWG NO	84334	SHEET 1 OF 1

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