

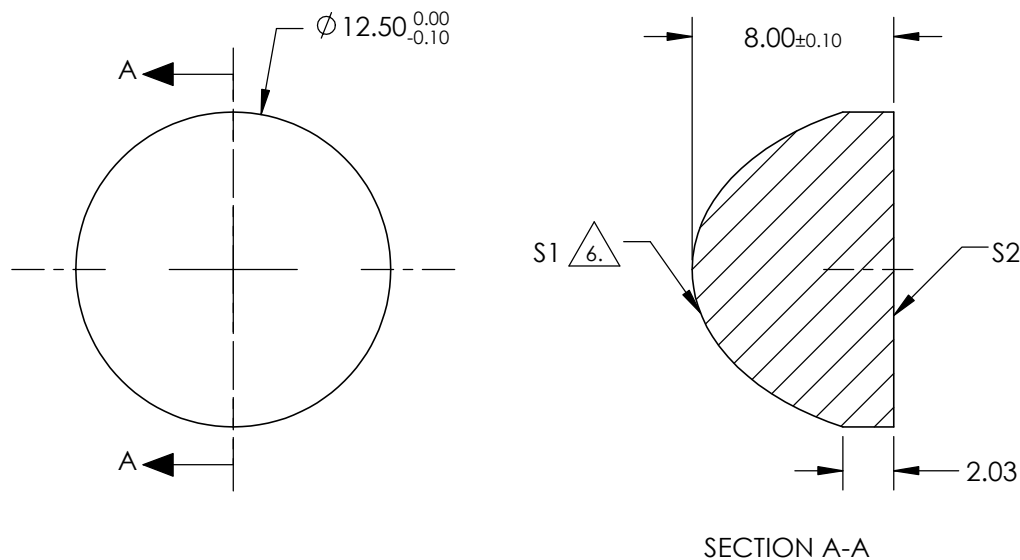
1. SUBSTRATE: FUSED SILICA

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

4. CENTERING: <3-5 ARCMIN

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

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



COEFFIECIENT TABLE 	
COEFFIECIENT	S1
K	-0.6771756
D	0
E	0.00021003575
F	2.3167923e-006
G	1.222945e-007
H	-2.00016e-009
J	5.4535311e-011
L	0

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE DIMENSIONS ARE FOR REFERENCE ONLY

REV. A	S1	S2	EFL @ 587.6nm	10	 Edmund Optics®		
SHAPE	CONVEX	PLANO	BFL @ 587.6nm	4.52			
RADIUS	4.585	INFINITY			TITLE	12.5mm DIA 0.63 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	87983	SHEET 1 OF 1

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