NOTES:

1. SUBSTRATE: LIBA2000+

2. COATING:

   S1 & S2: ¼ WAVE MgF2 @ 550nm

3. FOCAL LENGTH TOLERANCE: ±5%

4. CENTERING: 25 ARCMIN

5. RoHS: COMPLIANT

6. ASPHERIC SURFACE DESCRIBED BY THE FOLLOWING EQUATION AND COEFFICIENTS SHOWN IN TABLE BELOW

$$Z_{ASPH}(Y) = \frac{(1/RADIUS)*Y^2}{1+\sqrt{1-(1+k)*(1/RADIUS)^2*Y^2}} + D*Y^2 + E*Y^4 + F*Y^6 + G*Y^8 + H*Y^{10} + J*Y^{12} + L*Y^{14}$$
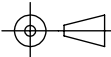
$\emptyset 26.0^{0.0}_{-0.2}$

A

A

SECTION A-A

$9.1_{\pm0.2}$

S1

S2
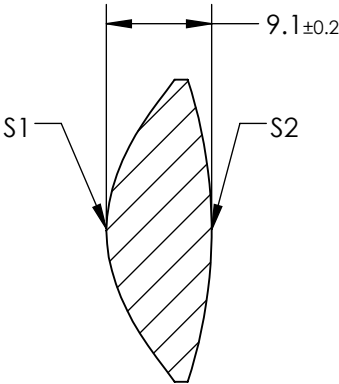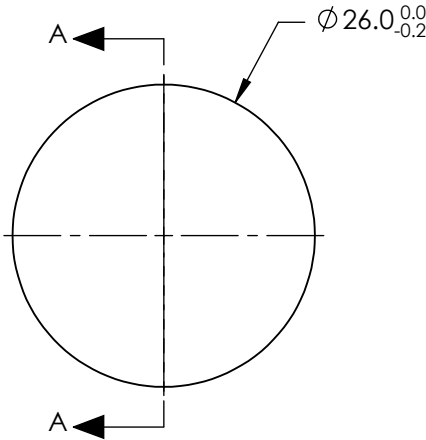
COEFFICIENT TABLE	
COEFFIECIENT	S1
SEMI-DIAMETER	13.000000E+00
(1/RADIUS)	8.076240E-02
k	-1.000000E+00
D	0.000000E+00
E	-8.260000E-05
F	6.750000E-07
G	-2.300000E+09
H	0.000000E+00
J	0.000000E+00
L	0.000000E+00

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2
SHAPE	CONVEX	CONVEX
SURFACE QUALITY	As Molded	As Molded
CLEAR APERTURE	$\emptyset$20.80	$\emptyset$20.80
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

EFL: 19.5mm

BFL: 14.63mm

THIRD ANGLE PROJECTION

ALL DIMS IN   mm

Edmund Optics®

TITLE   26mm DIA. X 19.5mm FL, MgF2 MOLDED
ASPHERIC CONDENSER LENS

DWG NO   35064

SHEET
1 OF 1