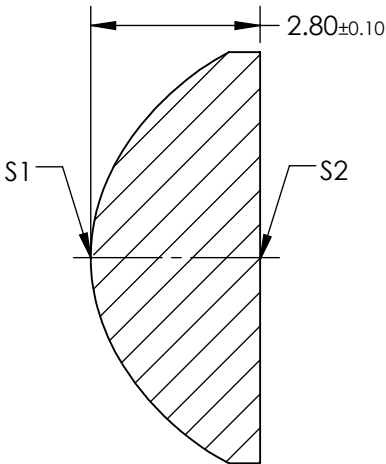
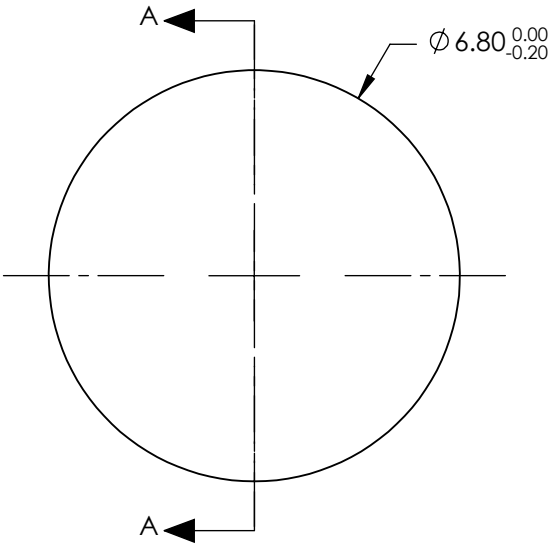


NOTES:

FOR INFORMATION ONLY:
DO NOT MANUFACTURE
PARTS TO THIS DRAWING

- 1. SUBSTRATE: LIBA2000+
- 2. COATING:
S1: ¼ WAVE MgF2 @550nm
S2: R(AVG) ≤0.5% @ 600 - 1050nm
- 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

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

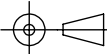


SECTION A-A

COEFFICIENT TABLE	
COEFFICIENT	S1
SEMI-DIAMETER	3.400000E+00
(1/RADIUS)	0.320513E+00
k	-0.327000E+00
D	0.001488E+00
E	-0.000725E+00
F	-0.000079+00
G	-3.995900E-06
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	PLANO
SURFACE QUALITY	As Molded	As Molded
CLEAR APERTURE	Ø5.44	Ø5.44
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

EFL: 6mm		 Edmund Optics®	
BFL: 4.23mm			
		TITLE	6.8mm DIA. x 6mm FL, NIR I COATED, MOLDED ASPHERIC CONDENSOR LENS
ALL DIMS IN	mm	DWG NO	15879
			SHEET 1 OF 1