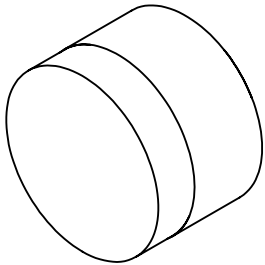


NOTES:

1. SUBSTRATE: N-PK51 / S-NPH2
2. COATING (APPLY ACROSS CLEAR APERTURE)

S1: MgF2: R(avg) ≤1.75% @ 400 - 700nm
S2: NONE
S3: MgF2: R(avg) ≤1.75% @ 400 - 700nm

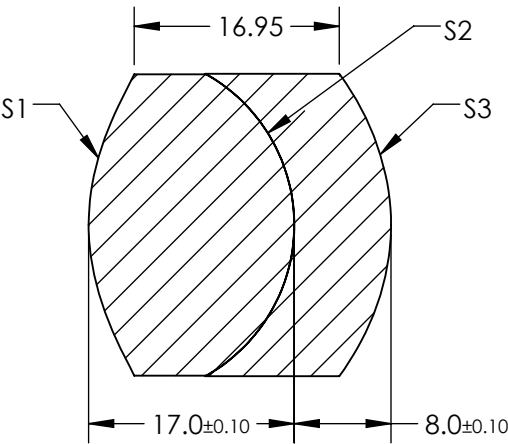
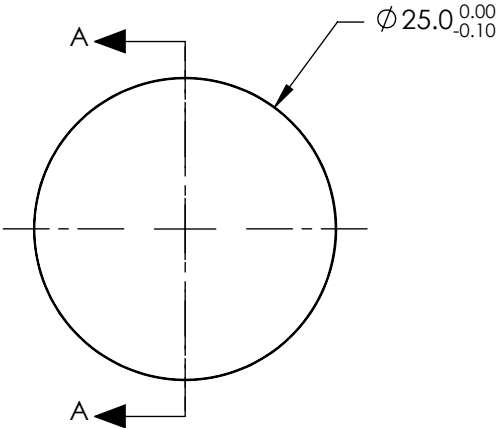
**FOR INFORMATION ONLY:
DO NOT MANUFACTURE
PARTS TO THIS DRAWING**



3. FINE GROUND SURFACE

4. CENTERING: <3.0 arcmin
5. RoHS: COMPLIANT
6. ASPHERIC SURFACES DESCRIBED BY THE FOLLOWING EQUATION AND COEFFICIENTS SHOWN IN TABLE BELOW

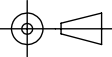
$$Z_{ASPH}(Y) = \frac{(\frac{1}{RADIUS}) * Y^2}{1 + \sqrt{1 - (1+k) * (\frac{1}{RADIUS})^2 * Y^2}} + D * Y^2 + E * Y^4 + F * Y^6 + G * Y^8 + H * Y^{10} + J * Y^{12} + L * Y^{14}$$



SECTION A-A

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

COEFFICIENT TABLE		
COEFFICIENT	S1	S3
SEMI-DIAMETER	1.250000E+01	1.250000E+01
(1/RADIUS)	5.241914E-02	-5.179737E-02
k	-0.6674385E+00	-9.452864E-02
D	0.0000000E+00	0.0000000E+00
E	-9.5642636E-06	6.3431408E-06
F	-2.1189527E-08	3.0464541E-08
G	-6.3772457E-10	1.7243173E-10
H	5.7871526E-12	-3.5015309E-12
J	-3.1464062E-14	2.0592205E-14
L	7.0773592E-17	-4.1992937E-17

REV. A	S1	S2	S3	EFL @ 587.6nm: 25.0			
SHAPE	CONVEX	CONVEX/CONCAVE	CONVEX	BFL @ 587.6nm: 16.40			
RADIUS	19.077	14.314	19.306				
SURFACE QUALITY	20-10	20-10	20-10				
CLEAR APERTURE	Ø22.50	Ø22.50	Ø22.50				
BEVEL MAX	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED				
				ALL DIMS IN	mm	TITLE	25mm DIA. X 25mm EFL PRECISION ASPHERIZED ACHROMATIC LENS
				DWG NO	85302	SHEET 1 OF 1	

 **Edmund Optics®**