NOTES:

1. SUBSTRATE: FUSED SILICA

2. COATING (APPLY ACROSS CLEAR APERTURE)

   S1: R(abs) <0.25% @ 532nm
   S2: R(abs) <0.25% @ 532nm

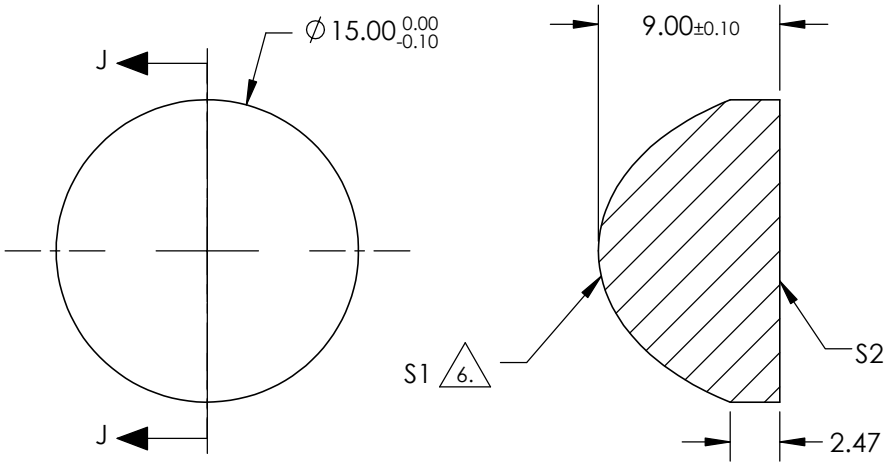
3. EDGES: FINE GROUND

4. CENTERING: <3-5 ARCMIN

5. ASPHERE FIGURE ERROR: 0.75 µm RMS

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

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




SECTION J-J

| COEFFIECIENT TABLE △7 | |
|---|---|
| **COEFFIECIENT** | **S1** |
| **k** | -1.123452 |
| **D** | 0.000000E+00 |
| **E** | 3.801254E-04 |
| **F** | 2.946223E-06 |
| **G** | -1.655839E-08 |
| **H** | 5.349691E-10 |
| **J** | 0.000000E+00 |
| **L** | 0.000000E+00 |

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

**SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE DIMENSIONS ARE FOR REFERENCE ONLY**

| REV. A | S1 | S2 |
|---|---|---|
| SHAPE | CONVEX | PLANO |
| RADIUS | 5.731 | INFINITY |
| SURFACE QUALITY | 60-40 | 60-40 |
| CLEAR APERTURE | 13.5 | 13.5 |
| BEVEL MAX | PROTECTIVE AS NEEDED | PROTECTIVE AS NEEDED |

| | | | |
|---|---|---|---|
| EFL @ 587.6µm | 12.5 | Edmund Optics® | |
| BFL @ 587.6µm | 6.33 | | |
| THIRD ANGLE PROJECTION | | TITLE | 15mm DIA 0.60 NA, 532nm V-COAT, ASPHERIC LENS |
| ALL DIMS IN | mm | DWG NO | 33013 SHEET 1 OF 1 |