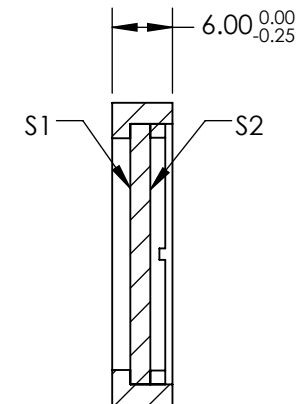
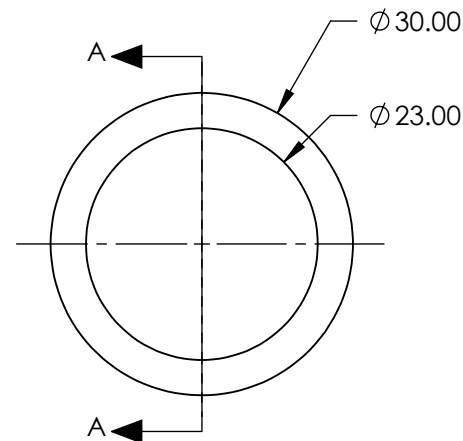
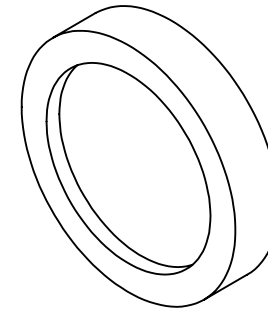
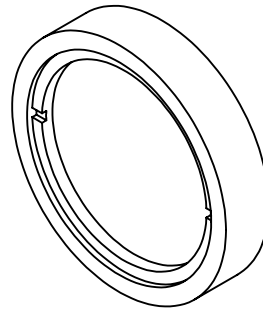


NOTES:

1. SUBSTRATE:  
CRYSTAL QUARTZ
2. COATING (APPLY ACROSS CLEAR APERTURE)  
S1 & S2: R(ABS) <0.25% @ 830nm  
DAMAGE THRESHOLD: 3.5 J/cm<sup>2</sup> @ 10ns @ 1064nm
3. SURFACE S1 TO BE PARALLEL TO SURFACE S2 TO WITHIN <0.5 arcsec
4. RETARDANCE:  $\lambda/4 \pm \lambda/200$
5. TRANSMITTED WAVEFRONT:  $\lambda/10$  FOR CENTRAL 80% OF CLEAR APERTURE
6. RoHS COMPLIANT

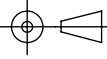


SECTION A-A

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

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE  
DIMENSIONS ARE FOR REFERENCE ONLY

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|                 | S1    | S2    | THIRD ANGLE PROJECTION  |    | TITLE  | Ø30mm, 830nm, $\lambda/4$ QUARTZ WAVEPLATE<br>ZERO ORDER |                 |
|-----------------|-------|-------|--------------------------------------------------------------------------------------------------------------|----|--------|----------------------------------------------------------|-----------------|
| CLEAR APERTURE  | Ø23.0 | Ø23.0 | ALL DIMS IN                                                                                                  | mm | DWG NO | 65907                                                    | SHEET<br>1 OF 1 |
| SURFACE QUALITY | 10-5  | 10-5  |                                                                                                              |    |        |                                                          |                 |