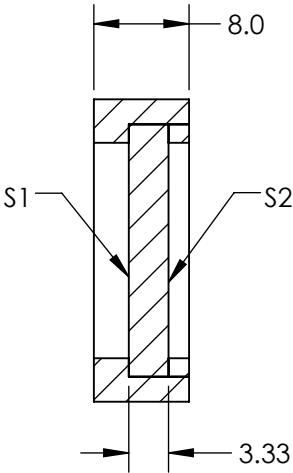
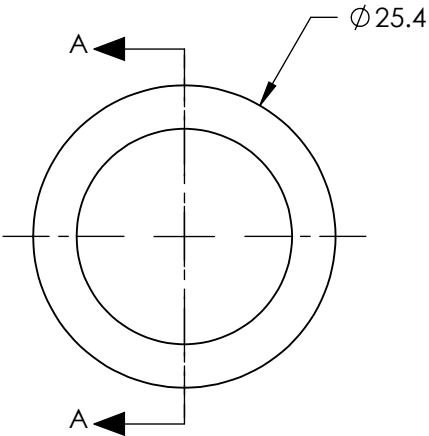


NOTES:

- 1. SUBSTRATE MATERIAL:  
Crystalline Quartz
- 2. COATING (APPLY ACROSS CLEAR APERTURE)  
  
S1 & S2: R(avg) <0.2% per surface  
DAMAGE THRESHOLD, PULSED: >10 J/cm² @ 10ns  
WAVEFRONT DISTORTION (P-V): λ/8 @ 633nm
- 3. ROTATIONAL ACCURACY: <5 arcmin  
POLARIZATION ROTATION: 90° (clockwise)
- 4. PARALLELISM: <10 arcsec
- 5. RETARDANCE: λ/4
- 6. RoHS COMPLIANT

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



SECTION A-A

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE  
DIMENSIONS ARE FOR REFERENCE ONLY



| REV. A          | S1     | S2     | THIRD ANGLE PROJECTION |    |        |       | TITLE        | 90° 532nm Crystalline Quartz Polarization Rotator |  |
|-----------------|--------|--------|------------------------|----|--------|-------|--------------|---------------------------------------------------|--|
| SHAPE           | PLANO  | PLANO  | ALL DIMS IN            | mm | DWG NO | 34308 | SHEET 1 OF 1 |                                                   |  |
| CLEAR APERTURE  | Ø18.00 | Ø18.00 |                        |    |        |       |              |                                                   |  |
| SURFACE QUALITY | 20-10  | 20-10  |                        |    |        |       |              |                                                   |  |