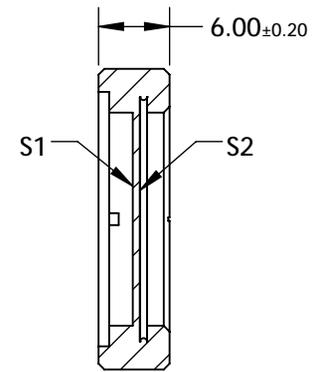
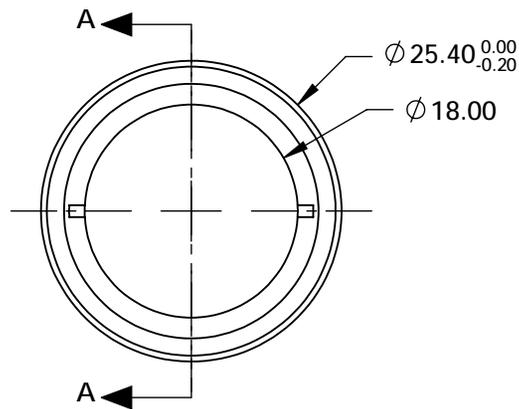


NOTES:

1. SUBSTRATE:
Crystalline Quartz
2. COATING (APPLY ACROSS COATING APERTURE):
S1 & S2: R(AVG) <0.2%
- DAMAGE THRESHOLD,
PULSED: >20 J/cm², 10ns @ 10Hz @ 1064nm
3. SURFACE S1 TO BE PARALLEL TO SURFACE S2 TO WITHIN <3 ARCSEC
4. RETARDANCE: $\lambda/2 \pm \lambda/250$ @ 20°C
RETARDANCE ORDER: 1st
5. DESIGN WAVELENGTH: 515nm
6. TRANSMITTED WAVEFRONT: < $\lambda/10$ @ 632.8nm
7. ROHS: COMPLIANT

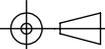


SECTION A-A

**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 | 25.4mm Dia., 515nm, $\lambda/2$ High Energy Waveplate | |
| SURFACE QUALITY | 20-10 | 20-10 | | ALL DIMS IN | mm | DWG NO |
| CLEAR APERTURE | Ø18.00 | Ø18.00 | | | | SHEET 1 OF 1 |