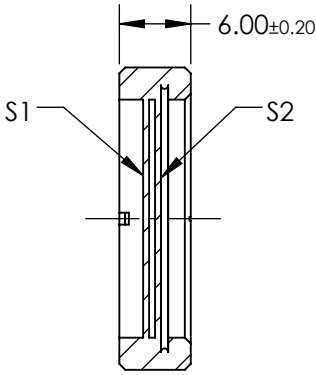
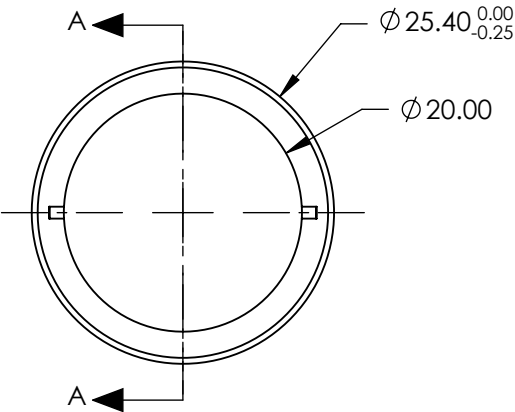


NOTES:

- 1. SUBSTRATE:  
Crystal Quartz and MgF2
- 2. COATING (APPLY ACROSS COATING APERTURE):  
S1 & S2: R(AVG) <0.75% @ 900 - 2100nm  
  
DAMAGE THRESHOLD,  
PULSED: >5 J/cm², 10ns @ 10Hz @ 1064nm
- 3. SURFACE S1 TO BE PARALLEL TO SURFACE S2 TO WITHIN <10 ARCSEC
- 4. RETARDANCE:  $\lambda/4 \pm \lambda/100$  @ 20°C
- 5. DESIGN WAVELENGTH: 900 - 2100 nm
- 6. TRANSMITTED WAVEFRONT: < $\lambda/4$  @ 632nm
- 7. CONSTRUCTION: Crystalline
- 8. 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
SURFACE QUALITY	40-20	40-20
CLEAR APERTURE	>Ø20	>Ø20

THIRD ANGLE PROJECTION 		TITLE	25.4mm Dia, 900 - 2100nm, $\lambda/4$ Achromatic Waveplate	
ALL DIMS IN	mm	DWG NO	39050	SHEET 1 OF 1