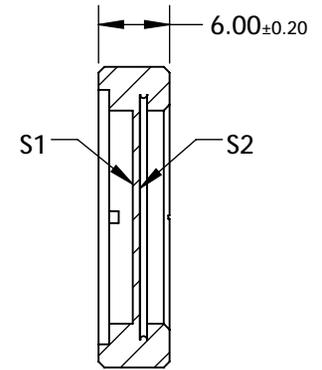
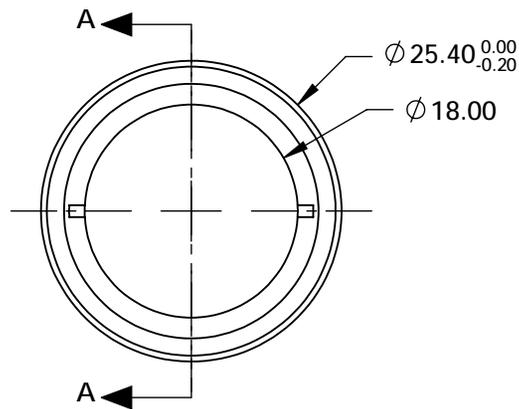


NOTES:

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: $\lambda/4 \pm \lambda/300$ @ 20°C
RETARDANCE ORDER: 0
5. DESIGN WAVELENGTH: 1030nm
6. TRANSMITTED WAVEFRONT: < $\lambda/10$ @ 632.8nm
7. ROHS: COMPLIANT

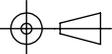


SECTION A-A

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., 1030nm, $\lambda/4$ 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