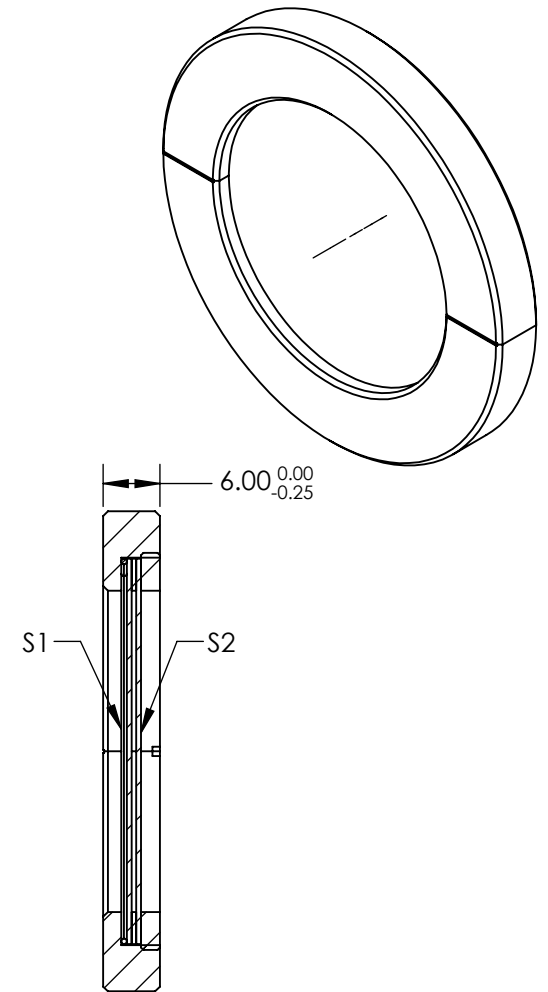
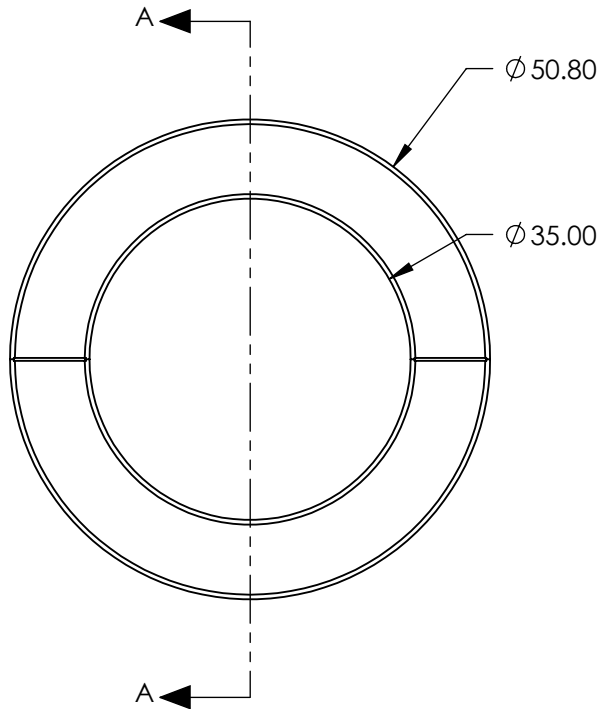


NOTES:

- 1. SUBSTRATE:
CRYSTAL QUARTZ
- 2. COATING (APPLY ACROSS CLEAR APERTURE)

S1 & S2: R(abs)<0.2% @1030nm
DAMAGE THRESHOLD: >10 J/cm² @10ns @1064 nm
- 3. SURFACE S1 TO BE PARALLEL TO SURFACE S2 TO WITHIN <3 ARCSEC
- 4. RETARDANCE: $\lambda/2 \pm \lambda/300$ @ 20° C
- 5. TRANSMITTED WAVEFRONT: < $\lambda/8$ @ 632.8 nm
- 6. ROHS COMPLIANT



SECTION A-A

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

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

Edmund Optics®

	S1	S2
CLEAR APERTURE	Ø 35	Ø 35
SURFACE QUALITY	20-10	20-10

THIRD ANGLE PROJECTION		TITLE	50.8mm Dia. 1030nm $\lambda/2$ Quartz Waveplate Zero Order	
ALL DIMS IN	mm			
DWG NO		16891		SHEET 1 OF 1