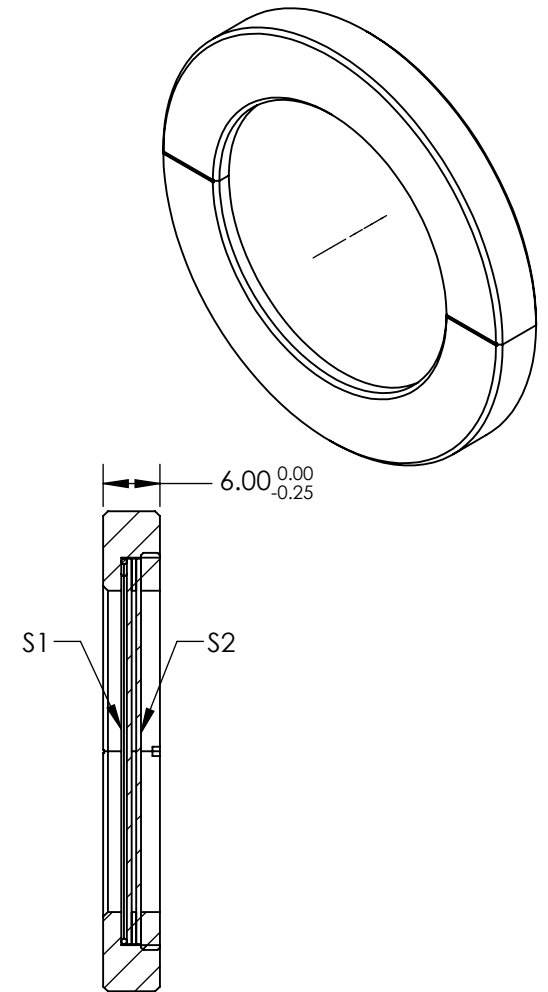
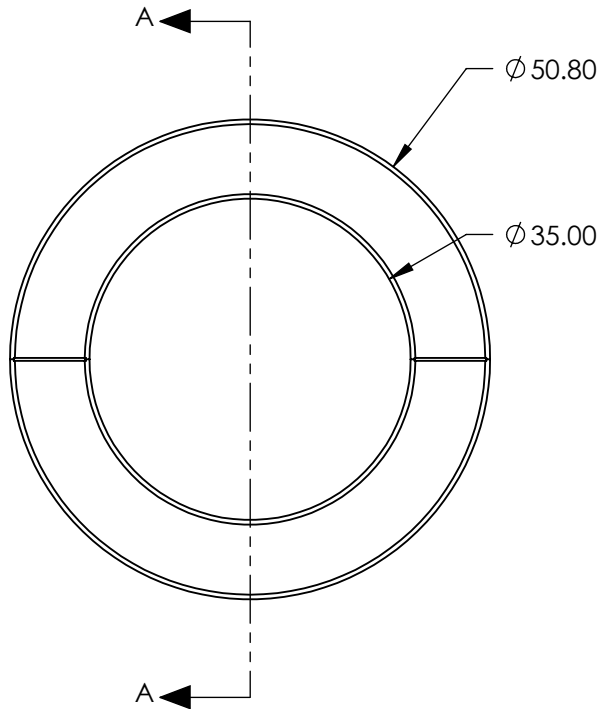


NOTES:

- 1. SUBSTRATE:  
CRYSTAL QUARTZ
- 2. COATING (APPLY ACROSS CLEAR APERTURE)  
  
S1 & S2: R(abs)<0.2% @1550nm  
DAMAGE THRESHOLD: >10 J/cm<sup>2</sup> @10ns @1064 nm
- 3. SURFACE S1 TO BE PARALLEL TO SURFACE S2 TO WITHIN <3 ARCSEC
- 4. RETARDANCE:  $\lambda/4 \pm \lambda/300$  @ 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	THIRD ANGLE PROJECTION		TITLE	50.8mm Dia. 1550nm $\lambda/4$ Quartz Waveplate Zero Order	
CLEAR APERTURE	$\phi 35$	$\phi 35$	ALL DIMS IN	mm	DWG NO	16892	SHEET 1 OF 1
SURFACE QUALITY	20-10	20-10					