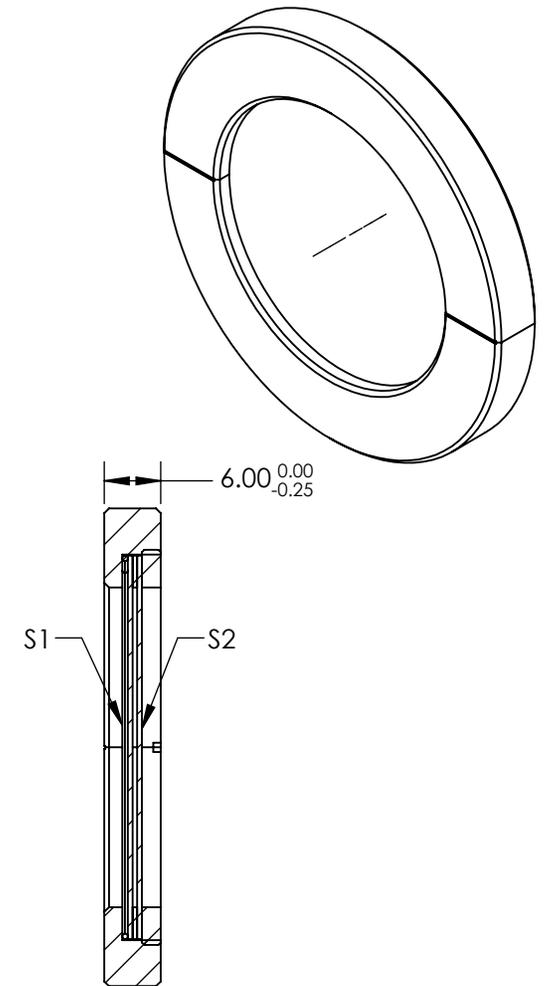
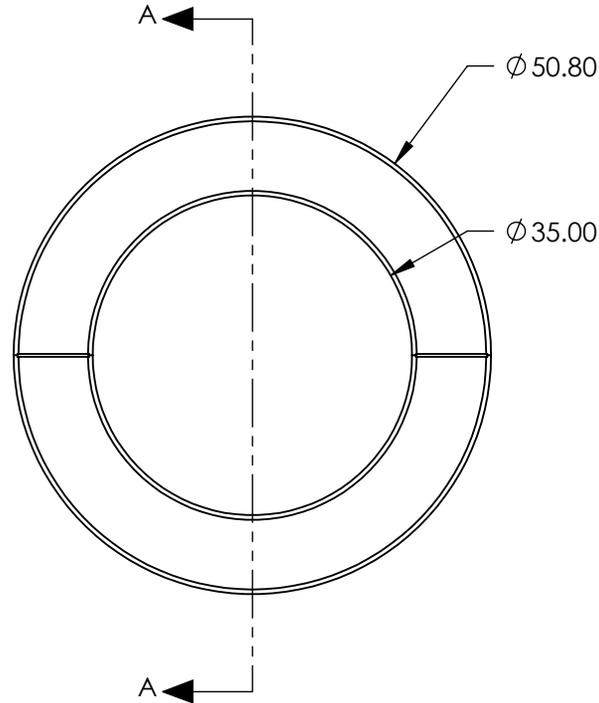


NOTES:

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

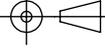


SECTION A-A

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE  
DIMENSIONS ARE FOR REFERENCE ONLY

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

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	S1	S2	THIRD ANGLE PROJECTION 	TITLE	50.8mm Dia. 1550nm $\lambda/4$ Quartz Waveplate Zero Order	
CLEAR APERTURE	$\varnothing 35$	$\varnothing 35$		ALL DIMS IN	mm	DWG NO
SURFACE QUALITY	20-10	20-10				SHEET 1 OF 1