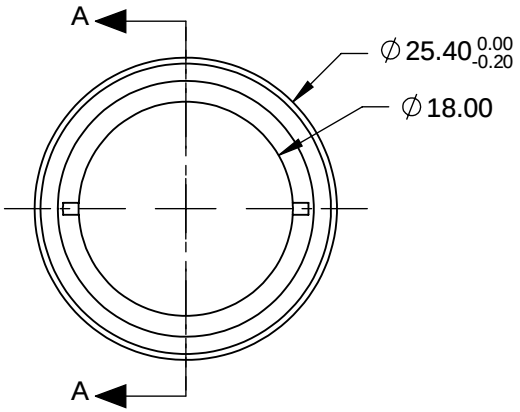
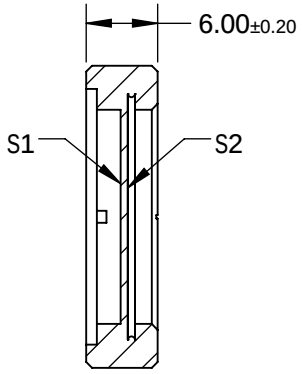
NOTES:

1. SUBSTRATE:
   Crystalline Quartz
2. COATING (APPLY ACROSS COATING APERTURE):
   S1 & S2: R(AVG) <0.25%

   DAMAGE THRESHOLD,
   PULSED: >20 J/cm², 10ns @ 10Hz @ 1064nm
3. SURFACE S1 TO BE PARALLEL TO SURFACE S2 TO WITHIN <3 ARCSEC
4. RETARDANCE: λ/2 ± λ/200 @ 20°C
   RETARDANCE ORDER: 1st
5. DESIGN WAVELENGTH: 400nm
6. TRANSMITTED WAVEFRONT: <λ/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

	S1	S2
SURFACE QUALITY	20-10	20-10
CLEAR APERTURE	Ø18.00	Ø18.00

THIRD ANGLE PROJECTION

ALL DIMS IN mm

Edmund Optics®

TITLE: 25.4mm Dia., 400nm, λ/2 High Energy Waveplate

DWG NO: 39167

SHEET 1 OF 1