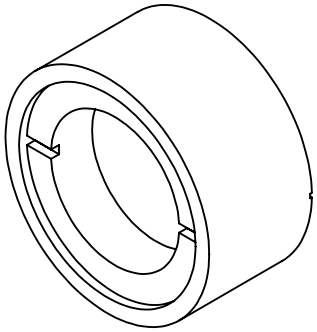
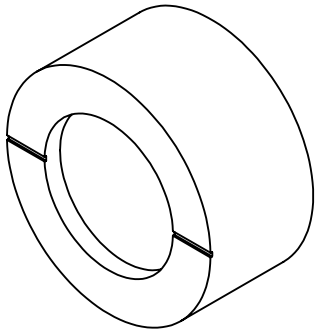
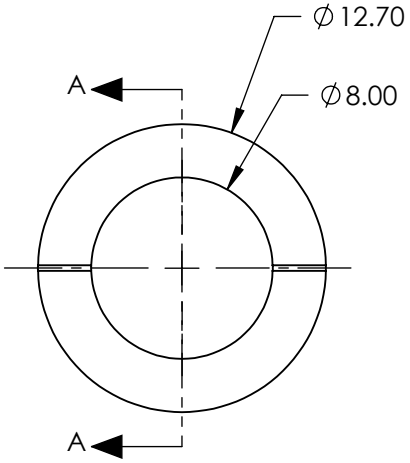
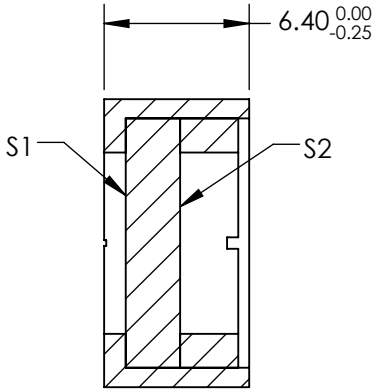
NOTES:

1. SUBSTRATE:
   CRYSTAL QUARTZ
2. COATING (APPLY ACROSS CLEAR APERTURE)
   S1 & S2: R(abs) <0.25% @ 980nm
   DAMAGE THRESHOLD: 3.5 J/cm² @10ns @ 1064nm
3. SURFACE S1 TO BE PARALLEL TO SURFACE S2 TO WITHIN <0.5 arcsec
4. RETARDANCE: λ/4 ± λ/200
5. TRANSMITTED WAVEFRONT: λ/10 FOR CENTRAL 80% OF CLEAR APERTURE
6. 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
CLEAR APERTURE	Ø8.0	Ø8.0
SURFACE QUALITY	10-5	10-5

Edmund Optics®

THIRD ANGLE PROJECTION

TITLE: 12.7mm DIA. 980nm λ/4 QUARTZ WAVEPLATE ZERO ORDER

ALL DIMS IN: mm

DWG NO: 85028

SHEET 1 OF 1