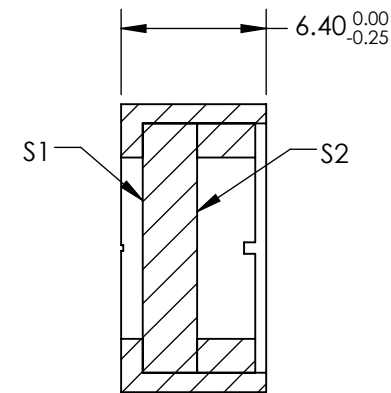
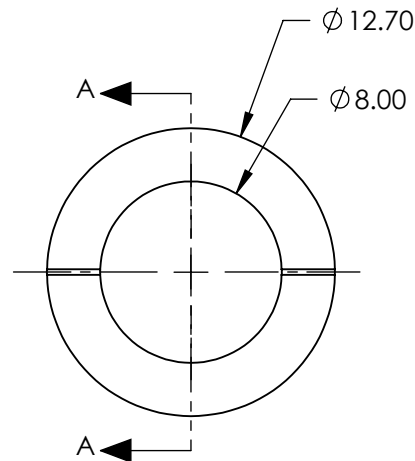
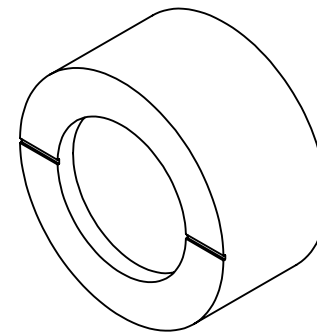
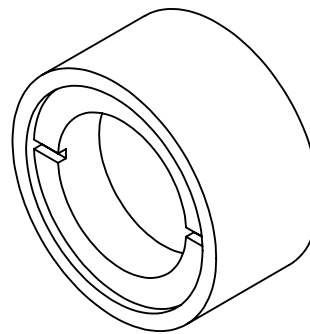


NOTES:

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: $\lambda/2 \pm \lambda/200$
5. TRANSMITTED WAVEFRONT: $\lambda/10$ 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

EO® **Edmund Optics®**

	S1	S2
CLEAR APERTURE	Ø8.0	Ø8.0
SURFACE QUALITY	10-5	10-5



THIRD ANGLE
PROJECTION

ALL DIMS IN

mm

TITLE

12.7mm DIA. 980nm $\lambda/2$ QUARTZ WAVEPLATE
ZERO ORDER

DWG NO

85044

SHEET
1 OF 1