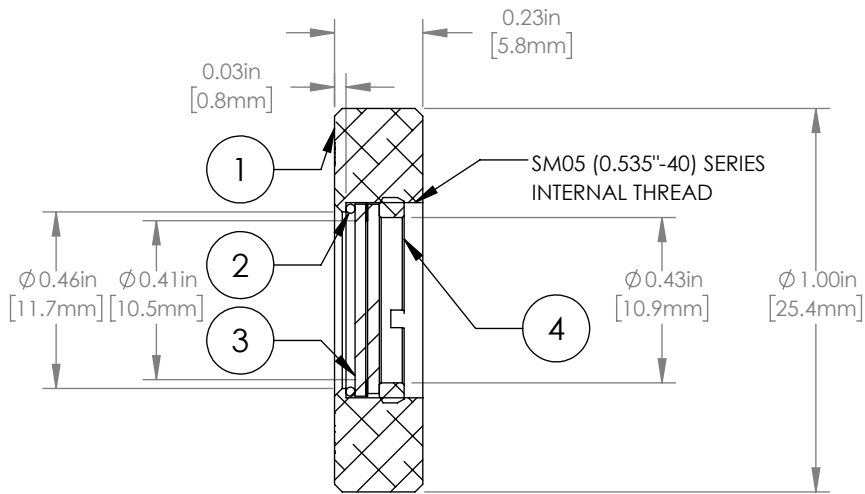
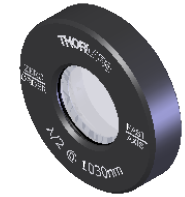
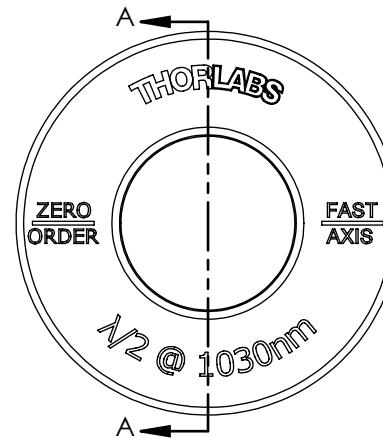


ORDER OF ASSEMBLY

ORDER	ITEM NUMBER	MATERIAL
①	ENGRAVED HOUSING	ALUMINUM
②	O-RING	NITRILE
③	1030nm WAVEPLATE ASSY	CRYSTAL QUARTZ/SS
④	SM05RR	ALUMINUM



SECTION A-A



NOTES/SPECIFICATIONS:

- DESIGN WAVELENGTH: 1030nm
- RETARDANCE:  $\lambda/2$
- UNMOUNTED DIAMETER:  $0.50" \pm 0.004$  (12.7mm $\pm$ 0.1)
- BEAM DEVIATION: <10 arcsec
- RETARDANCE ACCURACY (TYP):  $<\lambda/300$
- TRANSMITTED WAVEFRONT ERROR:  $\lambda/8$  (rms) AT 633nm
- SURFACE QUALITY: 20-10 SCRATCH-DIG
- CLEAR APERTURE:  $\phi 0.39"$  ( $\phi 10.0$ mm)
- COATING: VAR AT 1030nm, R<0.25%, 0° AOI/PER SURFACE (4 TOTAL SURFACES)

FOR INFORMATION ONLY  
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			 www.thorlabs.com MOUNTED ZERO-ORDER HALF-WAVE PLATE AT 1030nm	
DRAWN	MG	DATE		
APPROVAL	DD	DATE	27/SEP/18	MATERIAL
COPYRIGHT © 2018 BY THORLABS				SEE TABLE
VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS				ITEM #
				APPROX WEIGHT
				6 g