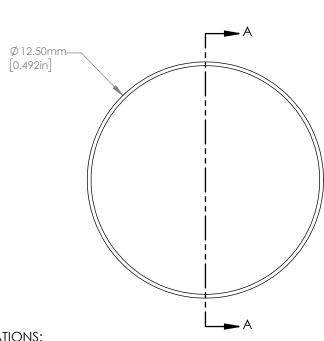
ASPHERIC COEFFICIENTS

		R	k	A_4	A ₆	A ₈	A ₁₀	A ₁₂	A ₁₄	A ₁₆
Š	S1	12.9868	-1.00902	2.50090e-05	2.28327e-08	1.77427e-11	-	-	-	-
	S2	PLANO	-	-	-	-	-	-	-	-



$$z = \frac{Y^2}{R(1 + \sqrt{1 - (1 + k)Y^2 / R^2})} + A_4 Y^4 + A_6 Y^6 + A_8 Y^8 + A_{10} Y^{10} + A_{12} Y^{12} + A_{14} Y^{14} + A_{16} Y^{16}$$



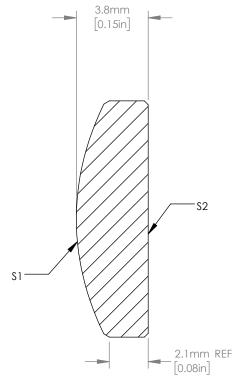


NOTES/SPECIFICATIONS:

- CLEAR APERTURE (COLLIMATION): \emptyset 10.6 mm CLEAR APERTURE (FOCUSING): \emptyset 9.8 mm Nd: 1.517 \pm 0.001 Vd: 64.167 \pm 1.0% DESIGN WAVELENGTH: 532 nm
- 2.

- FOCAL LENGTH: EFL= 25.0 mm ±1.0%
- NUMERICAL APERTURE: 0.20
- WORKING DISTANCE (REF): 22.5 mm
- DIAMETER TOLERANCE: +0.00/-0.05 mm
- SURFACE QUALITY: 40-20 SCRATCH-DIG
- WAVEFRONT ERROR: DIFFRACTION LIMITED AT DISCRETE WAVELENGTHS FROM 350-2000 nm
- 11.
- RMS IRREGULARITY (S1): <55 nm SLOPE ERROR (PV): <200 µRADIANS 12.
- CENTRATION: <1 arcmin 13.
- 14. COATING (\$1 & \$2): BBAR 350-700 nm, Ravg: <0.5%, 0° AOI

FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES



SECTION A-A

DRAWING PROJECT	G ION (THOR LABS.com			
	NAME	DATE	Ø 12.5 mm ASPHERIC LEN		3,	
DRAWN CA 11/MAY/18			NA = 0.20, f = 25.0 mm, A-COA			
APPROVAL	NE	21/JUN/18	MATERIAL N-BK7		REV	
COPYRIC	SHT © 2018 B	Y THORLABS	.,			
		ARE CALCULATED	AL 1225G-A	APPROX WE	IGHT	