



SECTION A-A

NOTES/SPECIFICATIONS:

- DESIGN WAVELENGTH: 587.6 nm
- FOCAL LENGTH: $f = -20.1 \text{ mm} \pm 1\%$
- BACK FOCAL LENGTH(REF): $bf = -21.4 \text{ mm}$
- CLEAR APERTURE: $> \varnothing 11.43 \text{ mm}$
- SURFACE QUALITY: 20-10 SCRATCH-DIG
- CENTRATION: $\leq 3 \text{ arcmin}$
- DIAMETER TOLERANCE: $+0.0/-0.1 \text{ mm}$
- THICKNESS TOLERANCE: $\pm 0.1 \text{ mm}$
- SURFACE IRREGULARITY: $\leq \lambda/4$, @633 nm
- PLANO SURFACE FLATNESS: $\leq \lambda/2$, @633 nm
- SPHERICAL SURFACE POWER: $\leq 3\lambda/2$, @633 nm
- COATING(S1,S2): VAR R<0.25% PER SURFACE FOR 1550 nm, 0° AOI

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION						
	NAME	DATE	UVFS PCC Lens,D12.7,F= -20 mm,1550 nm V-Coating			
DRAWN	CWD	2022/5/18	PC4127--20-1550			
APPROVAL	ZSB	2022/5/18	MATERIAL	WEIGHT	SCALE	REV
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