



SECTION A-A  
SCALE 2 : 1

NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH: 587.6 nm
2. FOCAL LENGTH:  $f=125.4\text{ mm} \pm 1\%$
3. BACK FOCAL LENGTH(REF):  $bf=123.1\text{ mm}$
4. CLEAR APERTURE:  $> \varnothing 22.86\text{ mm}$
5. SURFACE QUALITY: 40-20 SCRATCH-DIG
6. CENTRATION:  $<3\text{ arcmin}$
7. DIAMETER TOLERANCE:  $+0.0/-0.1\text{ mm}$
8. THICKNESS TOLERANCE:  $\pm 0.1\text{ mm}$
9. COATING: VAR R $<0.25\%$  PER SURFACE FOR 532/1064 nm

FOR INFORMATION ONLY  
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			<b>THORLABS</b> www.thorlabs.com	
NAME	DATE			
DRAWN	JAC	22/JUL/20	$\varnothing 25.4\text{ mm}, f=125\text{ mm}$ UV FUSED SILICA PLANO CONVEX LENS, YAG COATING	
APPROVAL	DD	29/JUL/20		
COPYRIGHT © 2020 BY THORLABS			MATERIAL	
VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			UV FUSED SILICA	
			ITEM #	APPROX WEIGHT
			LA4236-YAG	3 g
			REV	A