



SECTION A-A  
SCALE 2 : 1

NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH: 587.6 nm
2. FOCAL LENGTH:  $f=752.6\text{ mm} \pm 1\%$
3. BACK FOCAL LENGTH(REF):  $bf=751.1\text{ mm}$
4. CLEAR APERTURE:  $> \text{Ø} 22.86\text{ mm}$
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> <a href="http://www.thorlabs.com">www.thorlabs.com</a>	
DRAWN	JAC	DATE		
APPROVAL	DD	DATE	29/JUL/20	MATERIAL <b>UV FUSED SILICA</b>
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VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			ITEM #	APPROX WEIGHT
			LA4716-YAG	3 g

$\text{Ø} 25.4\text{ mm}$ ,  $f=750\text{ mm}$  UV FUSED SILICA  
PLANO CONVEX LENS, YAG COATING