


NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH: $4\mu\text{m}$
2. FOCAL LENGTH: $f = -20.0\text{mm} \pm 2\%$
3. BACK FOCAL LENGTH(REF): $bf = -19.9\text{mm}$
4. CLEAR APERTURE: $> \varnothing 11.43\text{mm}$
5. SURFACE QUALITY: 40-20 SCRATCH-DIG
6. CENTRATION: $< 3\text{arcmin}$
7. DIAMETER TOLERANCE: $+0.0/-0.1\text{mm}$
8. THICKNESS TOLERANCE: $\pm 0.1\text{mm}$

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION					THORLABS www.thorlabs.com		
			CaF2 - MENISCUS LENS, Ø 12.7mm, f= -20mm, UNCOATED				
NAME		DATE		MATERIAL VACUUM UV GRADE CALCIUM FLUORIDE			
DRAWN		21/MAY/18					
APPROVAL		21/MAY/18		REV B			
BW							
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VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS							
				ITEM #		APPROX WEIGHT	
				LF5067		1.4g	