



NOTES/SPECIFICATIONS:

1. WAVELENGTHS: 245–400 nm
2. FOCAL LENGTH:  $f=12.7 \text{ mm} \pm 1\%$
3. BACK FOCAL LENGTH (REF):  $bf=9.4 \text{ mm}$
4. CLEAR APERTURE:  $> 90\%$  OF SURFACE DIMENSIONS
5. SURFACE QUALITY: 60/40
6. CENTRATION:  $< 3 \text{ arcmin}$
7. LENGTH AND HEIGHT TOLERANCE:  $+0.0/-0.1 \text{ mm}$
8. THICKNESS TOLERANCE:  $\pm 0.10 \text{ mm}$
9. COATING: BBAR  $R_{avg} < 0.5\%$  FROM 245–400 nm,  $0^\circ$  AOI, ON OUTER OPTICAL SURFACES

FOR INFORMATION ONLY NOT FOR  
MANUFACTURING PURPOSES

DRAWING PROJECTION							
	NAME	DATE	H=10.0 L=15.0 F=12.7, UVFS CYL PCX Lens, -UV COAT				
DRAWN	CWD	2022/5/18	PXY41510-12.7-UV				
APPROVAL	ZSB	2022/5/18	MATERIAL	WEIGHT	SCALE	REV	
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			UV GRAND FUSED SILICA	0.00131kg	4:1	A	