



NOTES/SPECIFICATIONS:

1. WAVELENGTHS: 650–1100 nm
2. FOCAL LENGTH:  $f=25.4 \text{ mm} \pm 1\%$
3. BACK FOCAL LENGTH (REF):  $bf=17.4 \text{ mm}$
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 650–1100 nm,  $0^\circ$  AOI, ON OUTER OPTICAL SURFACES

FOR INFORMATION ONLY NOT FOR  
MANUFACTURING PURPOSES

|  |      |   |   |           |       |     |
|--|------|---|---|-----------|-------|-----|
| DRAWING<br>PROJECTION                                  |      |  |  |           |       |     |
|  | NAME | DATE  | F=25.4 , UVFS PCX CYL LENS, L=35 , H=23 , B Coated                                    |           |       |     |
| DRAWN  | CWD  | 2022/5/18   | PXY43523-25.4-B   |           |       |     |
| APPROVAL   | ZSB  | 2022/5/18   | MATERIAL  | WEIGHT    | SCALE | REV |
| FOR INFORMATION ONLY NOT FOR<br>MANUFACTURING PURPOSES |      |   | UV GRAND FUSED SILICA   | 0.01632kg | 2:1   | A   |