

OPTICAL COMPONENTS

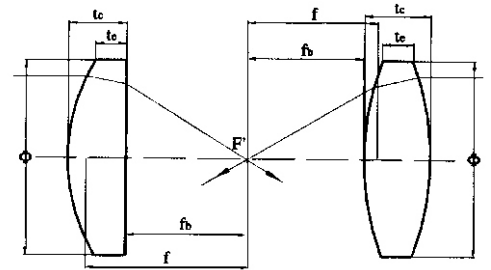
石英平凸和雙凸透鏡 FUSED SILICA PLANO - CONVEX & DOUBLE - CONVEX LENSES

石英平凸透鏡

| Part Number | Φ(mm) | f(mm) | R ₁ (mm) | t _c (mm) | t _g (mm) | f _b (mm) |
|-------------|-------|-------|---------------------|---------------------|---------------------|---------------------|
| PXL1201-F | 12.7 | 20.0 | 9.20 | 4.5 | 2.0 | 16.9 |
| PXL1202-F | 12.7 | 25.0 | 11.50 | 3.9 | 2.0 | 22.3 |
| PXL1203-F | 12.7 | 30.0 | 13.80 | 3.6 | 2.0 | 27.5 |
| PXL1204-F | 12.7 | 40.0 | 18.4 | 3.1 | 2.0 | 37.5 |
| PXL2501-F | 25.4 | 50.0 | 23.0 | 5.8 | 2.0 | 46.0 |
| PXL2502-F | 25.4 | 75.0 | 34.51 | 4.4 | 2.0 | 72.0 |
| PXL2503-F | 25.4 | 100.0 | 46.01 | 3.8 | 2.0 | 97.4 |
| PXL2504-F | 25.4 | 150.0 | 69.01 | 3.2 | 2.0 | 147.8 |
| PXL2505-F | 25.4 | 200.0 | 92.02 | 2.9 | 2.0 | 198.0 |
| PXL2506-F | 25.4 | 500.0 | 230.04 | 2.4 | 2.0 | 498.4 |
| PXL3801-F | 38.0 | 100.0 | 46.01 | 7.1 | 3.0 | 95.1 |
| PXL3802-F | 38.0 | 200.0 | 92.02 | 5.0 | 3.0 | 196.6 |
| PXL3803-F | 38.0 | 350.0 | 161.03 | 4.1 | 3.0 | 347.2 |
| PXL3804-F | 38.0 | 500.0 | 230.04 | 3.8 | 3.0 | 497.4 |

規格：

材料：石英玻璃 Fused Silica
 平行軸焦點長度：+2%
 設計折射率：1.5183+0.0005@546.1nm
 光軸性：3 arc minutes
 直徑偏差：+0.0, -0.15毫米
 有效直徑：>80%
 表面平坦度：λ/4@632.8nm
 表面品質：60-40 scratch and dig
 倒角：0.25毫米× 45°



石英雙面透鏡

| Part Number | Φ(mm) | f(mm) | R ₁ (mm) | t _c (mm) | t _g (mm) | f _b (mm) |
|-------------|-------|-------|---------------------|---------------------|---------------------|---------------------|
| DXL1201-F | 12.7 | 20.0 | 17.69 | 4.4 | 2.0 | 18.4 |
| DXL1202-F | 12.7 | 25.0 | 22.38 | 3.8 | 2.0 | 23.7 |
| DXL1203-F | 12.7 | 30.0 | 27.04 | 3.5 | 2.0 | 28.8 |
| DXL1204-F | 12.7 | 40.0 | 36.31 | 3.1 | 2.0 | 38.9 |
| DXL2501-F | 25.4 | 50.0 | 45.10 | 5.7 | 2.0 | 48.0 |
| DXL2502-F | 25.4 | 75.0 | 68.32 | 4.4 | 2.0 | 73.5 |
| DXL2503-F | 25.4 | 100.0 | 91.42 | 3.8 | 2.0 | 98.7 |
| DXL2504-F | 25.4 | 150.0 | 137.52 | 3.2 | 2.0 | 148.9 |
| DXL2505-F | 25.4 | 200.0 | 183.58 | 2.9 | 2.0 | 199.0 |
| DXL2506-F | 25.4 | 500.0 | 459.71 | 2.4 | 2.0 | 499.2 |
| DXL3801-F | 38.0 | 100.0 | 90.90 | 7.1 | 3.0 | 97.6 |
| DXL3802-F | 38.0 | 200.0 | 183.13 | 5.0 | 3.0 | 198.3 |
| DXL3803-F | 38.0 | 350.0 | 321.41 | 4.1 | 3.0 | 348.6 |
| DXL3804-F | 38.0 | 500.0 | 459.48 | 3.8 | 3.0 | 498.7 |