

NOTES:

1. SUBSTRATE
UV GRADE FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN 5 ARCSEC
3. COATING (APPLY ACROSS COATING APERTURE)

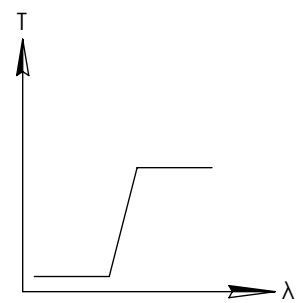
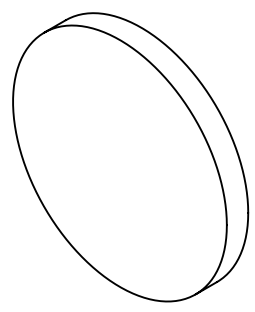
PERFORMANCE SPECIFICATIONS @ 0° AOI
T(AVG): >85% FROM 985 - 2000nm
T(AVG): < 1% FROM 715 - 900nm
T(ABS): = 50% 950nm @ 45° AOI

S1: MULTILAYER DIELECTRIC COATING
S2: SINGLE LAYER MgF2

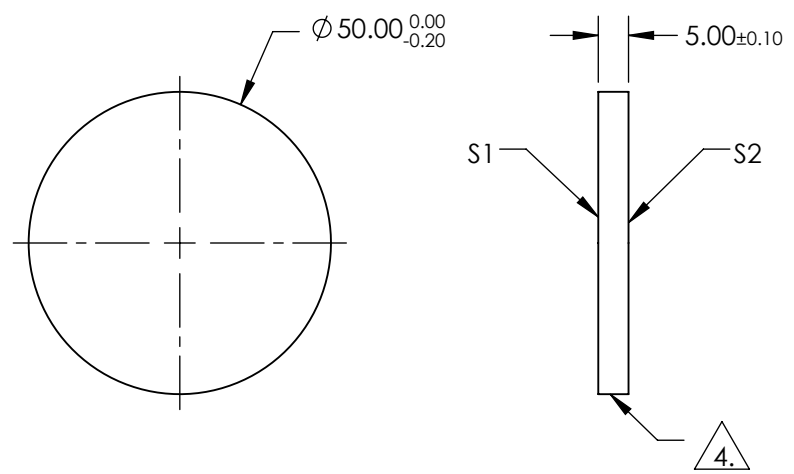
4. FINE GRIND SURFACE

5. TRANSMITTED WAVEFRONT DISTORTION RMS@ 632.8nm ≤ ¼ WAVE
6. ROHS COMPLIANT

**FOR INFORMATION ONLY:
DO NOT MANUFACTURE
PARTS TO THIS DRAWING**



LONGPASS FILTER



SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

| | S1 | S2 |
|------------------|----------------------|----------------------|
| SHAPE | PLANO | PLANO |
| SURFACE QUALITY | 40-20 | 40-20 |
| CLEAR APERTURE | 80% | 80% |
| COATING APERTURE | Ø40.00 | Ø40.00 |
| BEVEL | PROTECTIVE AS NEEDED | PROTECTIVE AS NEEDED |

Edmund Optics®



ALL DIMS IN mm

| | | | |
|--------|-----------------------------------|--------------|--|
| TITLE | OD2, Ø50mm, 950nm LONGPASS FILTER | | |
| DWG NO | 64708 | SHEET 1 OF 1 | |