

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)

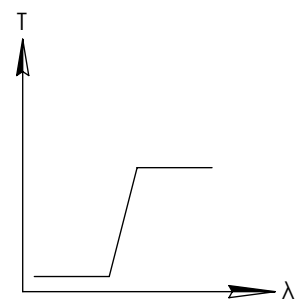
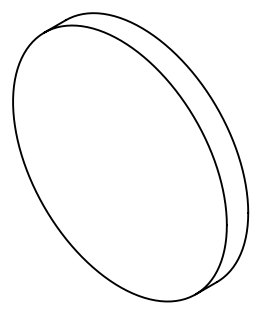
PERFORMANCE SPECIFICATIONS @ 0° AOI  
T(AVG): >85% FROM 1290 - 2000nm  
T(AVG): < 1% FROM 960 - 1200nm  
T(ABS): = 50% 1250nm @ 45° AOI

S1: MULTILAYER DIELECTRIC COATING  
S2: SINGLE LAYER MgF2

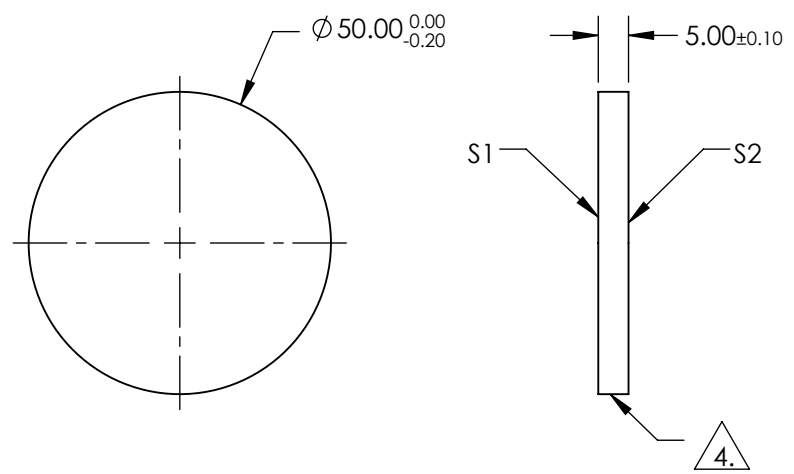
4. FINE GRIND SURFACE

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, 1250nm LONGPASS FILTER |              |  |
| DWG NO | 84681                              | SHEET 1 OF 1 |  |