

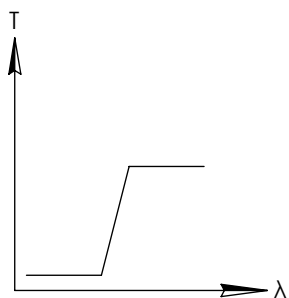
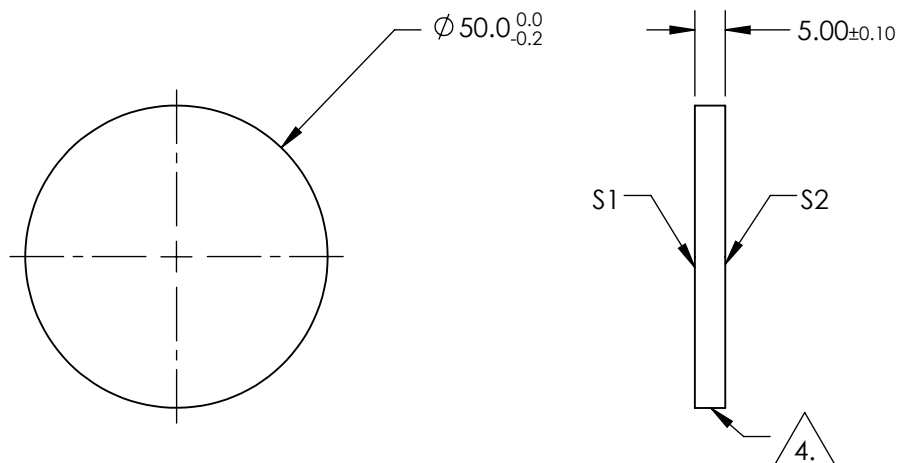
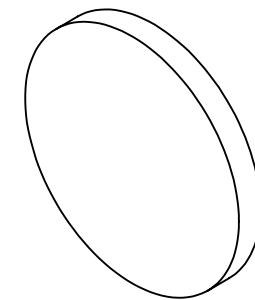
NOTES:

1. SUBSTRATE: UV FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN 5 arcsec
3. COATING (APPLY ACROSS COATING APERTURE)
 S1: HARD DIELECTRIC SPUTTERED
 T(avg): $\geq 91\%$ FROM 965 - 1650nm @ 0° AOI
 T(avg): $\leq 0.01\%$ FROM 200 - 930nm @ 0° AOI
 T(abs): =50% FOR 950 \pm 9.5nm @ 0° AOI
 S2: SINGLE LAYER MgF2

 FINE GRIND SURFACE

5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
6. TRANSMITTED WAVEFRONT DISTORTION, RMS: $\leq \lambda/4$ @ 633nm
7. ROHS COMPLIANT

FOR INFORMATION ONLY:
DO NOT MANUFACTURE
PARTS TO THIS DRAWING



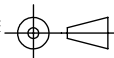
LONGPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

| | S1 | S2 |
|-----------------|----------------------|----------------------|
| SHAPE | PLANO | PLANO |
| SURFACE QUALITY | 60-40 | 60-40 |
| CLEAR APERTURE | >80% | >80% |
| BEVEL | PROTECTIVE AS NEEDED | PROTECTIVE AS NEEDED |

 **Edmund Optics®**

THIRD ANGLE PROJECTION



TITLE

Ø50mm, 950nm, HIGH PERFORMANCE
LONGPASS FILTER

ALL DIMS IN

mm

DWG NO

84765

SHEET
1 OF 1