

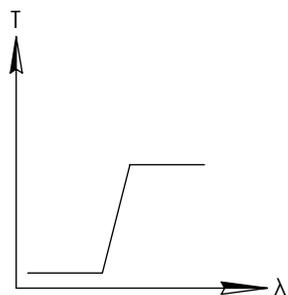
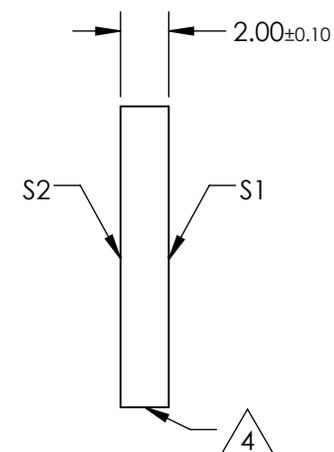
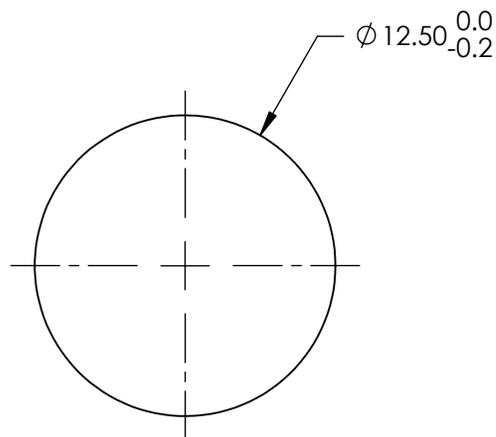
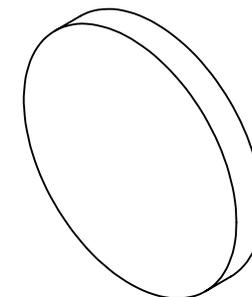
NOTES:

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

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 1070 - 1650nm @ 0° AOI
 T(avg): $\leq 0.01\%$ FROM 200 - 1030nm @ 0° AOI
 T(abs): =50% FOR 1050 \pm 10.5nm @ 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 (prior to coating)
7. ROHS COMPLIANT



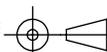
LONGPASS FILTER

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

Ø12.5mm, 1050nm, HIGH PERFORMANCE
 LONGPASS FILTER

ALL DIMS IN

mm

DWG NO

66232

SHEET
 1 OF 1