

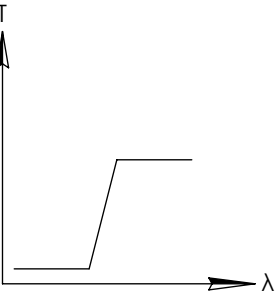
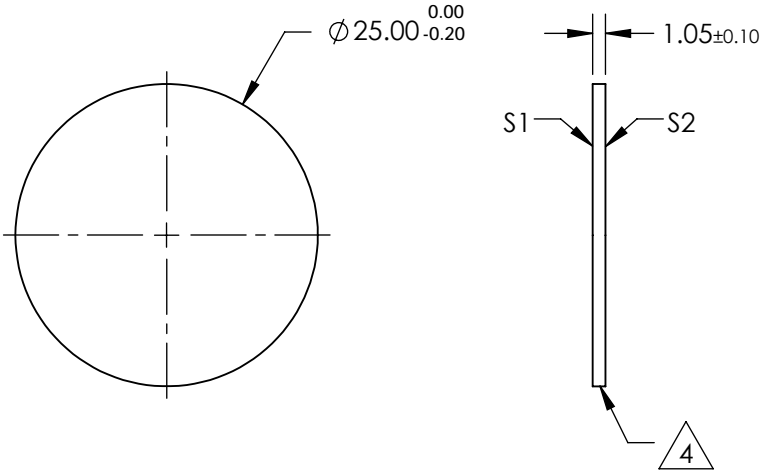
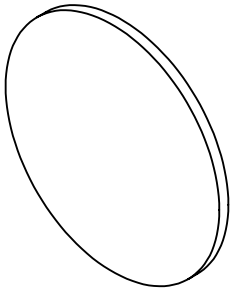
**FOR INFORMATION ONLY:
DO NOT MANUFACTURE
PARTS TO THIS DRAWING**

NOTES:

1. SUBSTRATE
 2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN 5 arcsec
 3. COATING (APPLY ACROSS COATING APERTURE)
ENVIRONMENTAL DURABILITY:
PHYSICAL DURABILITY:
PERFORMANCE SPECIFICATIONS:
T(avg): >85% FROM 725 - 1600nm FOR RANDOM POLARIZATION @ 45° AOI
T(abs): >80% FROM 725 - 1600nm FOR ALL POLARIZATIONS @ 45° AOI
R(avg): >97% FROM 535 - 660nm FOR RANDOM POLARIZATION @ 45° AOI
R(abs): >95% FROM 535 - 660nm FOR ALL POLARIZATIONS @ 45° AOI
T(abs): = 50% 700nm @ 45° AOI
- S1: HARD COATED
S2: SINGLE LAYER MgF2

4. FINE GRIND SURFACE

5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS
APPLY ACROSS CLEAR APERTURE
6. TRANSMITTED WAVEFRONT DISTORTION RMS@ 632.8nm $\leq \frac{1}{4} \lambda$
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 | Ø22.00 | Ø22.00 |
| BEVEL | PROTECTIVE AS NEEDED | PROTECTIVE AS NEEDED |

Edmund Optics®



ALL DIMS IN

mm

TITLE

Ø25mm, 700nm DICHROIC LONGPASS FILTER

DWG NO

69892

SHEET
1 OF 1