

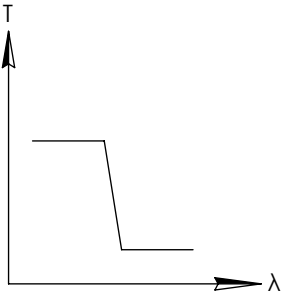
NOTES:

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 546 - 1008nm FOR RANDOM POLARIZATION @ 45° AOI
T(abs): 80% FROM 546 - 1008nm FOR ALL POLARIZATIONS @ 45° AOI
R(avg): >97% FROM 1102 - 1365nm FOR RANDOM POLARIZATION @ 45° AOI
R(abs): 95% FROM 1102 - 1365nm FOR ALL POLARIZATIONS @ 45° AOI
T(abs): = 50% 1050nm @ 45° AOI

S1: HARD COATED
S2: SINGLE LAYER MgF2

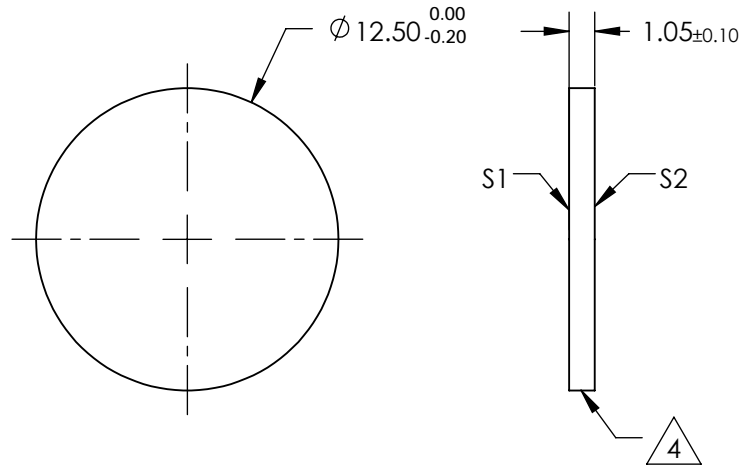
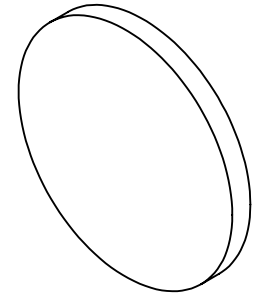
4. FINE GRIND SURFACE

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



SHORTPASS FILTER

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



SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

| | S1 | S2 |
|------------------|----------------------|----------------------|
| SHAPE | PLANO | PLANO |
| SURFACE QUALITY | 60-40 | 60-40 |
| CLEAR APERTURE | Ø11.00 | Ø11.00Ø11.00 |
| COATING APERTURE | Ø11.00 | Ø11.00 |
| BEVEL | PROTECTIVE AS NEEDED | PROTECTIVE AS NEEDED |

Edmund Optics®



ALL DIMS IN

mm

TITLE

Ø12.5mm, 1050nm DICHROIC SHORTPASS
FILTER

DWG NO

86678

SHEET
1 OF 1