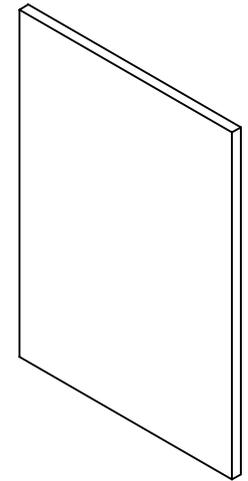


NOTES:

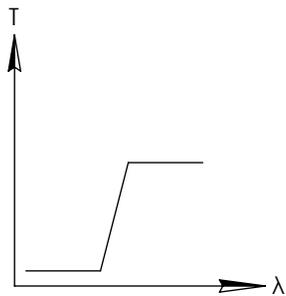
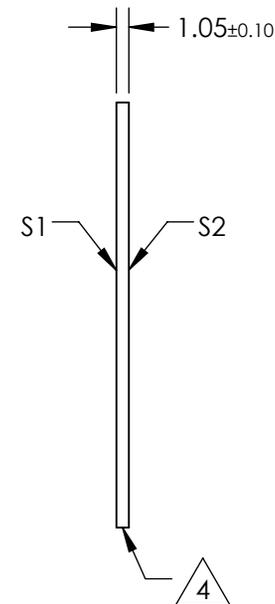
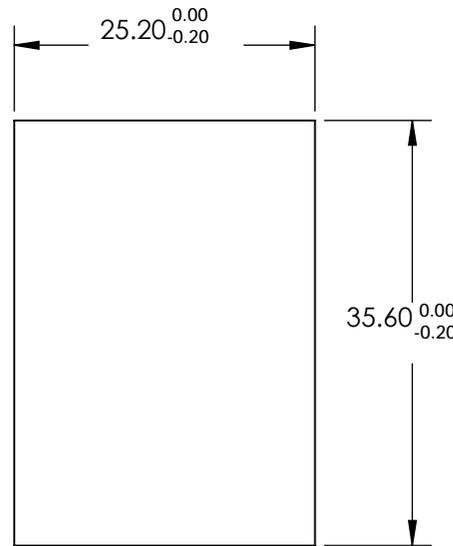
**FOR INFORMATION ONLY:
DO NOT MANUFACTURE
PARTS TO THIS DRAWING**

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 470 - 1600nm FOR RANDOM POLARIZATION @ 45° AOI
 T(abs): >80% FROM 470 - 1600nm FOR ALL POLARIZATIONS @ 45° AOI
 R(avg): >97% FROM 350 - 430nm FOR RANDOM POLARIZATION @ 45° AOI
 R(abs): >95% FROM 350 - 430nm FOR ALL POLARIZATIONS @ 45° AOI
 T(abs): = 50% 450nm @ 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

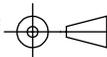


LONGPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2
SHAPE	PLANO	PLANO
SURFACE QUALITY	60-40	60-40
CLEAR APERTURE	22.0 x 32.0	22.0 x 32.0
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

THIRD ANGLE
PROJECTION



ALL DIMS IN

mm

EO® Edmund Optics®

TITLE

25.2 x 35.6mm, 450nm DICHROIC LONGPASS
FILTER

DWG NO

69898

SHEET
1 OF 1