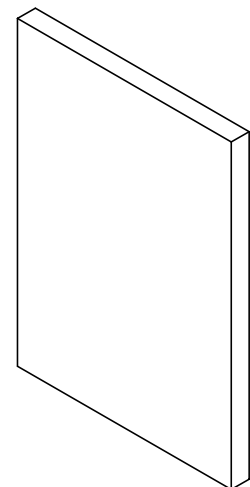


NOTES:

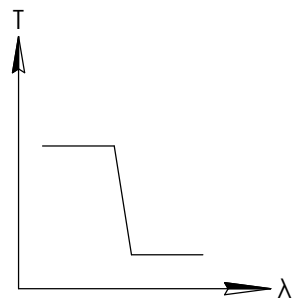
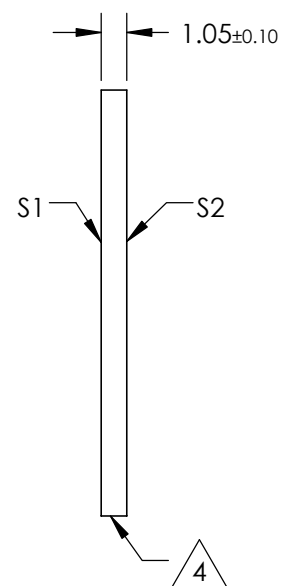
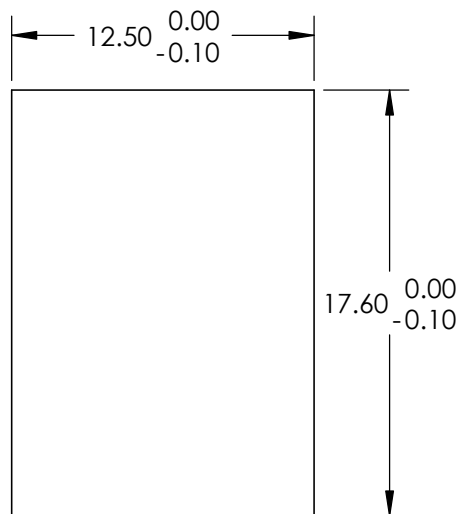
1. SUBSTRATE
 2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN 5 arcsec
 3. COATING (APPLY ACROSS COATING APERTURE)
 ENVIRONMENTAL DURABILITY:
 PHYSICAL DURABILITY:
 PERFORMANCE SPECIFICATIONS:
 T(avg): >85% FROM 572 - 1056nm FOR RANDOM POLARIZATION @ 45° AOI
 T(abs): >80% FROM 572 - 1056nm FOR ALL POLARIZATIONS @ 45° AOI
 R(avg): >97% FROM 1155 - 1430nm FOR RANDOM POLARIZATION @ 45° AOI
 R(abs): >95% FROM 1155 - 1430nm FOR ALL POLARIZATIONS @ 45° AOI
 T(abs): = 50% 1100nm @ 45° AOI
- S1: HARD COATED
 S2: SINGLE LAYER MgF2

FOR INFORMATION ONLY:
DO NOT MANUFACTURE
PARTS TO THIS DRAWING



 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

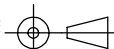


SHORTPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
 DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2
SHAPE	PLANO	PLANO
SURFACE QUALITY	40-20	40-20
CLEAR APERTURE	11.5 x 16.6	11.5 x 16.6
COATING APERTURE	11.5 x 16.6	11.5 x 16.6
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

THIRD ANGLE
 PROJECTION



ALL DIMS IN

mm

 **Edmund Optics®**

TITLE 12.5 x 17.6mm, 1100nm DICHROIC SHORTPASS FILTER

DWG NO 86685

SHEET 1 OF 1