

NOTES:

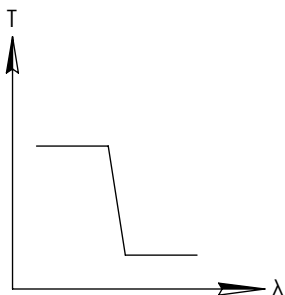
1. SUBSTRATE
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN 5 arcsec
3. COATING (APPLY ACROSS COATING APERTURE)
 PERFORMANCE SPECIFICATIONS:
 T(avg): >85% FROM 495 - 912nm FOR RANDOM POLARIZATION @ 45° AOI
 T(abs): >80% FROM 495 - 912nm FOR ALL POLARIZATIONS @ 45° AOI
 R(avg): >97% FROM 997 - 1235nm FOR RANDOM POLARIZATION @ 45° AOI
 R(abs): >95% FROM 997 - 1235nm FOR ALL POLARIZATIONS @ 45° AOI
 T(abs): = 50% 950nm @ 45° AOI

GDD: $80 \pm 30\text{fs}^2$ @ 625 - 912nm
 $120 \pm 80\text{fs}^2$ @ 495 - 912nm

S1: HARD COATED
 S2: SINGLE LAYER MgF2

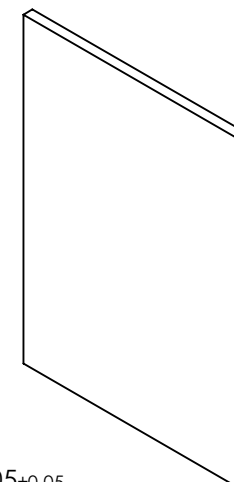
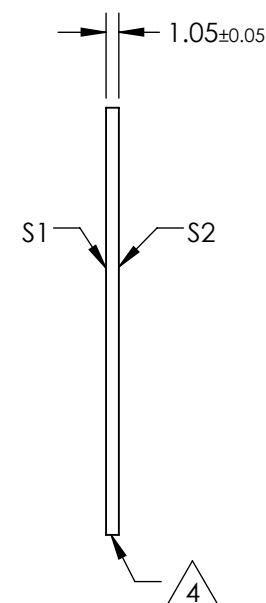
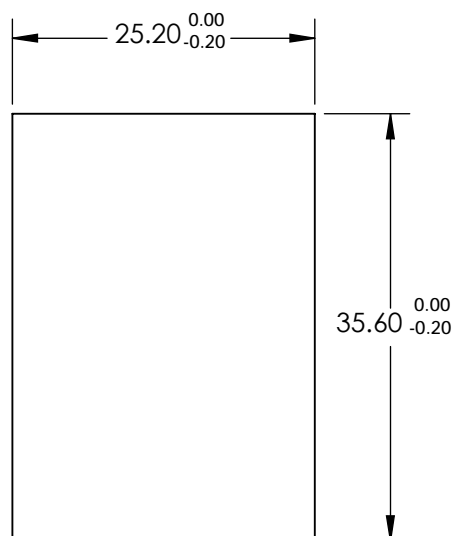
4. FINE GRIND SURFACE

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	40-20	40-20
CLEAR APERTURE	24.2 x 34.6	24.2 x 34.6
COATING APERTURE	24.2 x 34.6	24.2 x 34.6
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

Edmund Optics®

THIRD ANGLE
 PROJECTION



TITLE

950nm, 25.2 x 35.6mm, Low GDD Dichroic
 Shortpass Ultrafast Filter

ALL DIMS IN

mm

DWG NO

14036

SHEET
 1 OF 1