

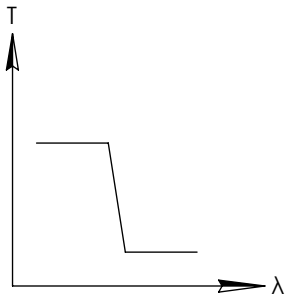
NOTES:

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): >85% FROM 546 - 1008nm FOR ALL POLARIZATION @ 45° AOI
R(avg):>97% FROM 1102 - 1365nm FOR RANDOM POLARIZATION @ 45° AOI
R(abs): >97% FROM 1102 - 1365nm FOR ALL POLARIZATION @ 45° AOI
T(abs): = 50% 1050nm @ 45° AOI

S1: HARD COATED
S2: SINGLE LAYER MgF2

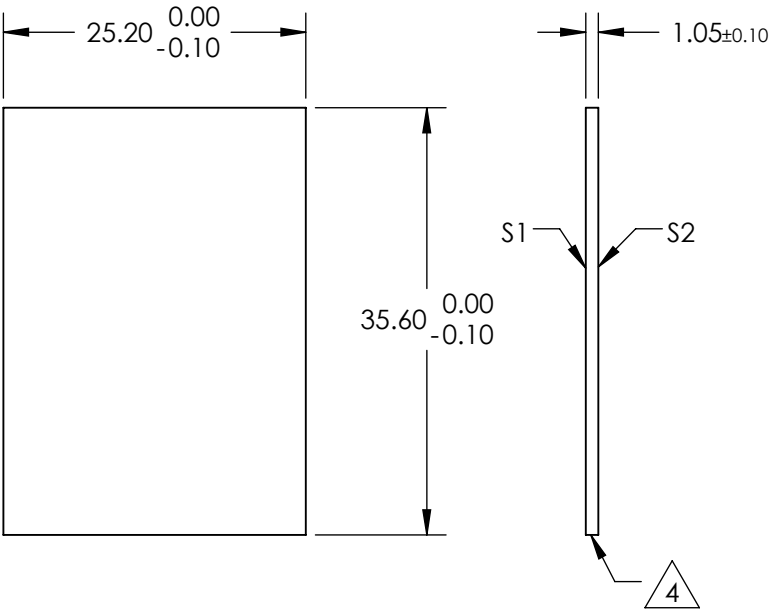
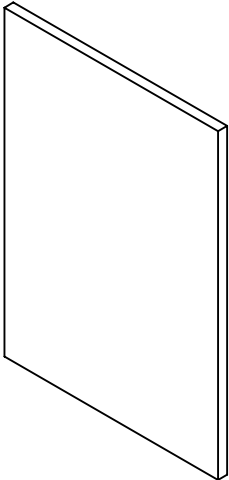
4. FINE GRIND SURFACE

5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS
APPLY ACROSS CLEAR APERTURE
6. TRANSMITTED WAVEFRONT DISTORTION RMS@ 632.8nm ≤ ¼ λ
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	22.0 x 32.0	22.0 x 32.0
COATING APERTURE	24.2 x 34.6	24.2 x 34.6
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

Edmund Optics®



ALL DIMS IN mm

TITLE

1050nm, 25.2 x 35.6mm,DICHOIC SHORTPASS
FILTER

DWG NO

86696

SHEET
1 OF 1