

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

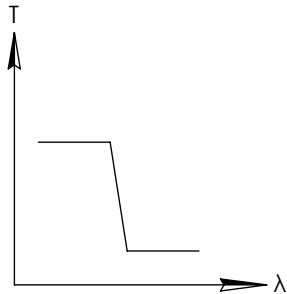
NOTES:

- SUBSTRATE
- SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN 5 arcsec
- COATING (APPLY ACROSS COATING APERTURE)
ENVIRONMENTAL DURABILITY:
PHYSICAL DURABILITY:
PERFORMANCE SPECIFICATIONS:
T(avg):>85% FROM 400 - 680 nm FOR RANDOM POLARIZATION @ 45° AOI
T(abs): >80% FROM 400 - 680 nm FOR ALL POLARIZATION @ 45° AOI
R(avg):>97% FROM 725 - 900 nm FOR RANDOM POLARIZATION @ 45° AOI
R(abs): >95% FROM 725 - 900 nm FOR ALL POLARIZATION @ 45° AOI
T(abs): = 50% 700nm @ 45° AOI

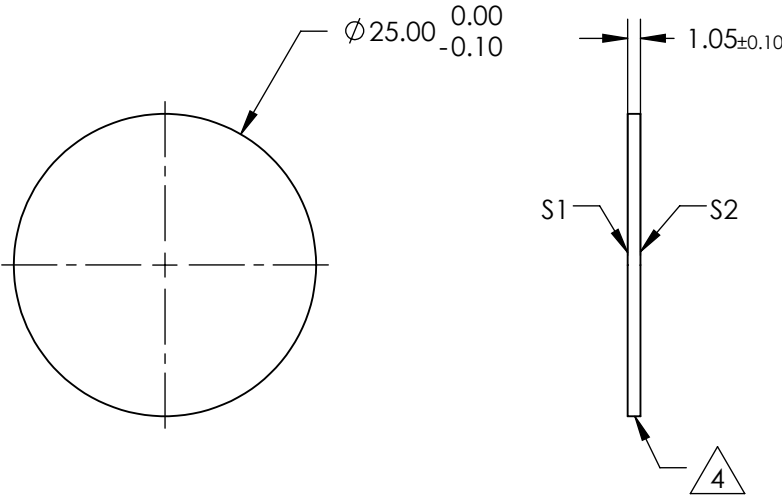
S1: HARD COATED
S2: SINGLE LAYER MgF2

4. FINE GRIND SURFACE

- POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS
APPLY ACROSS CLEAR APERTURE
- TRANSMITTED WAVEFRONT DISTORTION RMS@ 632.8nm $\leq \frac{1}{4} \lambda$
- ROHS COMPLIANT



SHORTPASS 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	Ø22.00	Ø22.00
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED



ALL DIMS IN mm

Edmund Optics®

TITLE

700nm, 25mm DIAMETER, DICHOIC
SHORTPASS

DWG NO

69206

SHEET
1 OF 1