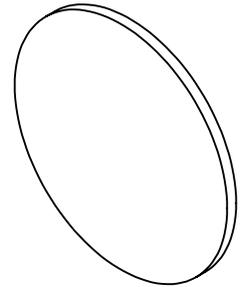


NOTES:

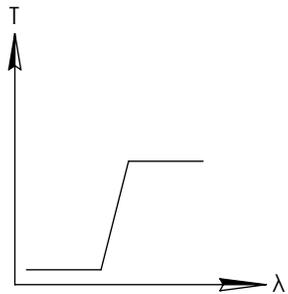
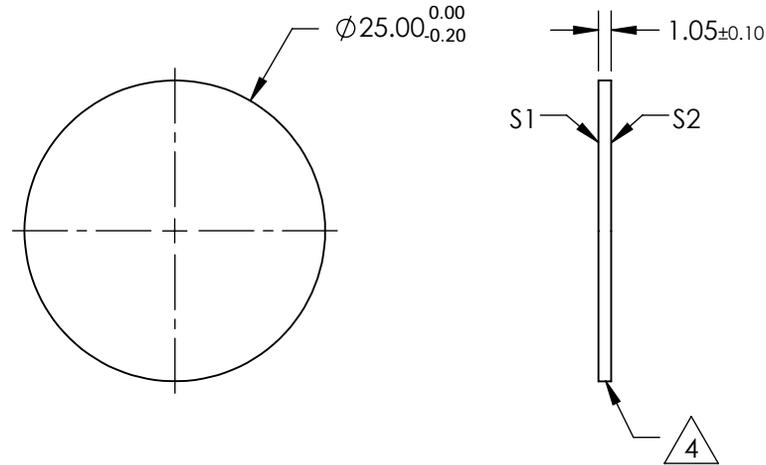
**FOR INFORMATION ONLY:
DO NOT MANUFACTURE
PARTS TO THIS DRAWING**



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 880 - 1600nm FOR RANDOM POLARIZATION @ 45° AOI
T(abs): >80% FROM 880 - 1600nm FOR ALL POLARIZATIONS @ 45° AOI
R(avg): >97% FROM 635 - 805nm FOR RANDOM POLARIZATION @ 45° AOI
R(abs): >95% FROM 635 - 805nm FOR ALL POLARIZATIONS @ 45° AOI
T(abs): = 50% 850nm @ 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 ≤ 1/4 λ
7. ROHS COMPLIANT



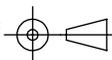
LONGPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2
SHAPE	PLANO	PLANO
SURFACE QUALITY	60-40	60-40
CLEAR APERTURE	$\varnothing 22.00$	$\varnothing 22.00$
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

EO® Edmund Optics®

THIRD ANGLE PROJECTION



TITLE

$\varnothing 25\text{mm}$, 850nm DICHROIC LONGPASS FILTER

ALL DIMS IN

mm

DWG NO

69895

SHEET
1 OF 1