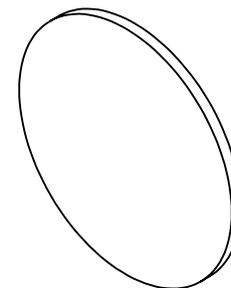


NOTES:

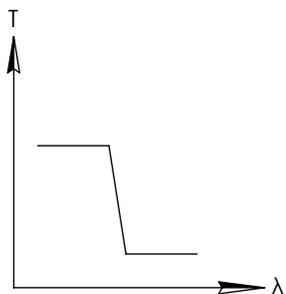
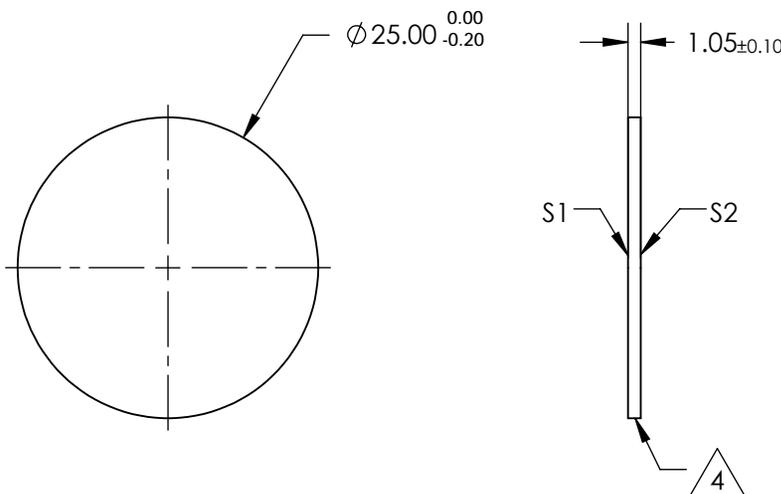
**FOR INFORMATION ONLY:
DO NOT MANUFACTURE
PARTS TO THIS DRAWING**



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 400 - 820 nm FOR RANDOM POLARIZATION @ 45° AOI
 T(abs): >80% FROM 400 - 820 nm FOR ALL POLARIZATION @ 45° AOI
 R(avg): >97% FROM 910 - 1110 nm FOR RANDOM POLARIZATION @ 45° AOI
 R(abs): >95% FROM 910 - 1110 nm FOR ALL POLARIZATION @ 45° AOI
 T(abs): = 50% 850nm @ 45° AOI
- S1: HARD COATED
 S2: SINGLE LAYER MgF2

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	60-40	60-40
CLEAR APERTURE	$\varnothing 22.00$	$\varnothing 22.00$
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

Edmund Optics®

THIRD ANGLE PROJECTION

TITLE	850nm, 25mm DIAMETER, DICHOIC SHORTPASS		
DWG NO	69209	SHEET 1 OF 1	

ALL DIMS IN mm