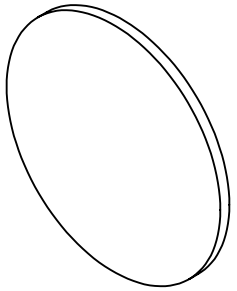
NOTES:

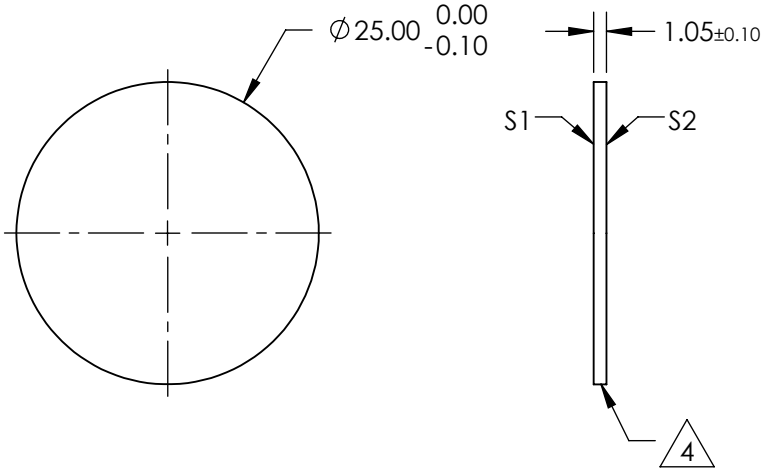
1. SUBSTRATE
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN 5 arcsec
3. COATING (APPLY ACROSS COATING APERTURE)
   ENVIRONMENTAL DURABILITY:
   PHYSICAL DURABILITY:
   PERFORMANCE SPECIFICATIONS:
   T(avg): >85% FROM 470 - 1600nm FOR RANDOM POLARIZATION @ 45° AOI
   T(abs): >80% FROM 470 - 1600nm FOR ALL POLARIZATIONS @ 45° AOI
   R(avg): >97% FROM 350 - 430nm FOR RANDOM POLARIZATION @ 45° AOI
   R(abs): >95% FROM 350 - 430nm FOR ALL POLARIZATIONS @ 45° AOI
   T(abs): = 50% 450nm @ 45° AOI

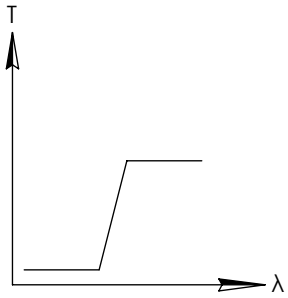
   S1: HARD COATED
   S2: SINGLE LAYER MgF2

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

FOR INFORMATION ONLY:
DO NOT MANUFACTURE PARTS TO THIS DRAWING







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

Edmund Optics®

THIRD ANGLE PROJECTION	TITLE	Ø25mm, 450nm DICHROIC LONGPASS FILTER	
ALL DIMS IN mm	DWG NO	69887	SHEET 1 OF 1