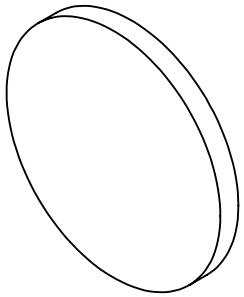
NOTES:

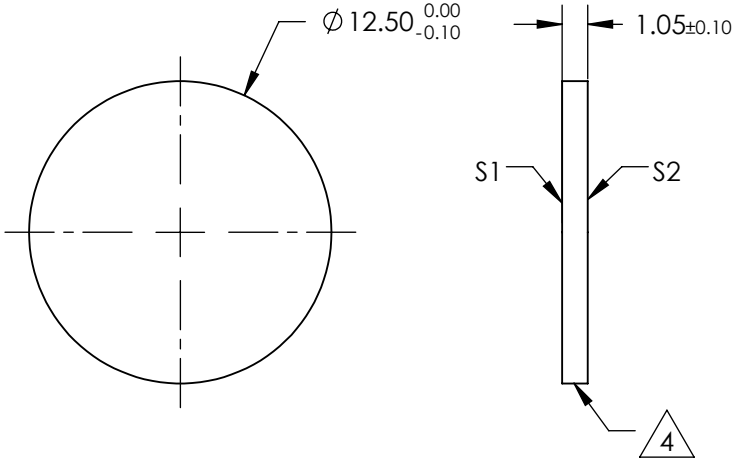
1. SUBSTRATE
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN 5 arcsec
3. COATING (APPLY ACROSS COATING APERTURE)
   ENVIRONMENTAL DURABILITY:
   PHYSICAL DURABILITY:
   PERFORMANCE SPECIFICATIONS:
   T(avg): >85% FROM 520 - 960nm FOR RANDOM POLARIZATION @ 45° AOI
   T(abs): 80% FROM 520 - 960nm FOR ALL POLARIZATIONS @ 45° AOI
   R(avg): >97% FROM 1050 - 1300nm FOR RANDOM POLARIZATION @ 45° AOI
   R(abs): 95% FROM 1050 - 1300nm FOR ALL POLARIZATIONS @ 45° AOI
   T(abs): = 50% 1000nm @ 45° AOI

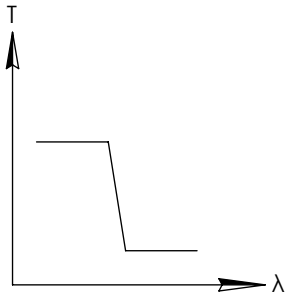
   S1: HARD COATED
   S2: SINGLE LAYER MgF2

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







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	Ø11.00	Ø11.00Ø11.00
COATING APERTURE	Ø11.00	Ø11.00
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

Edmund Optics®

THIRD ANGLE PROJECTION

TITLE: Ø12.5mm, 1000nm DICHROIC SHORTPASS FILTER

ALL DIMS IN: mm

DWG NO: 86677

SHEET 1 OF 1