

NOTES:

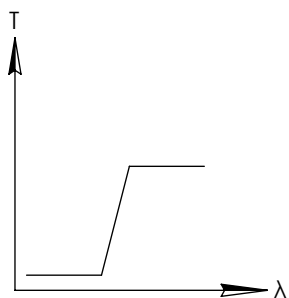
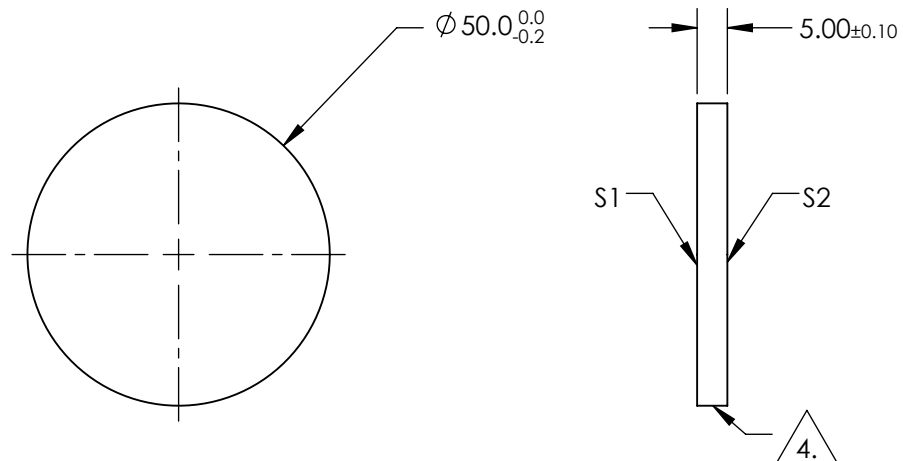
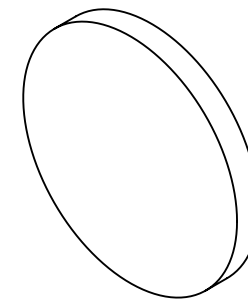
1. SUBSTRATE
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN 5 arcsec
3. COATING (APPLY ACROSS COATING APERTURE)
 S1: HARD DIELECTRIC SPUTTERED
 T(avg): $\geq 91\%$ FROM 710 - 1650nm @ 0° AOI
 T(avg): $\leq 0.01\%$ FROM 200 - 686nm @ 0° AOI
 T(abs): =50% FOR 700±7nm @ 0° AOI

 S2: SINGLE LAYER MgF2

4. FINE GRIND SURFACE

5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS
 APPLY ACROSS CLEAR APERTURE
6. TRANSMITTED WAVEFRONT DISTORTION, RMS: $\leq \lambda/4$ @ 633nm
7. ROHS COMPLIANT

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



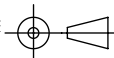
LONGPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
 DIMENSIONS ARE FOR REFERENCE ONLY

REV A	S1	S2
SHAPE	PLANO	PLANO
SURFACE QUALITY	40-20	40-20
CLEAR APERTURE	>80%	>80%
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

EO® Edmund Optics®

THIRD ANGLE
 PROJECTION



TITLE

Ø50mm, 700nm, HIGH PERFORMANCE
 LONGPASS FILTER

ALL DIMS IN

mm

DWG NO

84760

SHEET
 1 OF 1