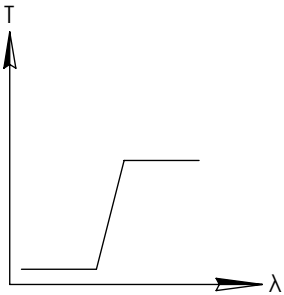
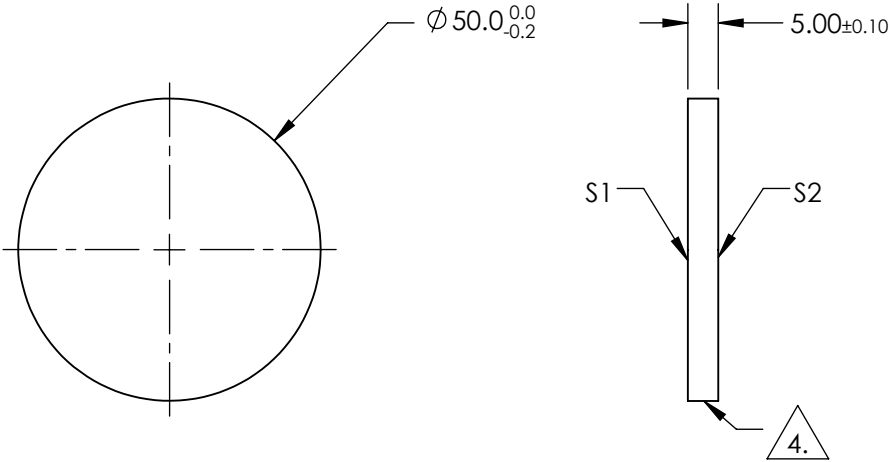
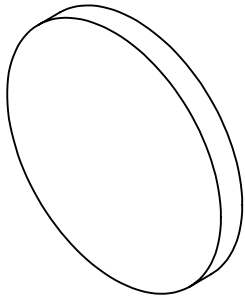


**FOR INFORMATION ONLY:  
DO NOT MANUFACTURE  
PARTS TO THIS DRAWING**

NOTES:

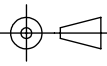
1. SUBSTRATE: UV FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN 5 arcsec
3. COATING (APPLY ACROSS COATING APERTURE)  
S1: HARD DIELECTRIC SPUTTERED  
T(avg):  $\geq 91\%$  FROM 610 - 1650nm @ 0° AOI  
T(avg):  $\leq 0.01\%$  FROM 200 - 588nm @ 0° AOI  
T(abs):  $\approx 50\%$  FOR 600 $\pm$ 6nm @ 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 (prior to coating)
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  | >80%                 | >80%                 |
| BEVEL           | PROTECTIVE AS NEEDED | PROTECTIVE AS NEEDED |

|                                                                                                              |  |                                                                                       |                                                |
|--------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------|------------------------------------------------|
| THIRD ANGLE PROJECTION  |  |  |                                                |
| ALL DIMS IN mm                                                                                               |  | TITLE                                                                                 | Ø50mm, 600nm, HIGH PERFORMANCE LONGPASS FILTER |
| DWG NO                                                                                                       |  | 84758                                                                                 | SHEET 1 OF 1                                   |