

NOTES:

1. SUBSTRATE: UV GRADE FUSED SILICA
2. COATING (APPLY ACROSS COATING APERTURE)

DURABILITY: MIL-C-48497A, SECT. 3.4.1

PERFORMANCE SPECIFICATIONS @ 0° AOI

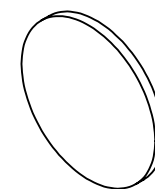
T(AVG): ≥91% FROM 600 - 1285nm

T(AVG): ≤0.01% FROM 1340 - 1650nm

CUT-OFF SLOPE: <1%

CUT-OFF WAVELENGTH: 1300nm ± 1%

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

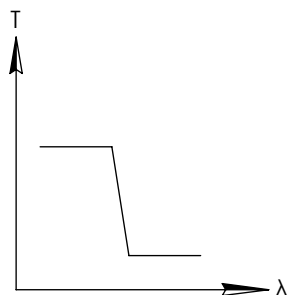
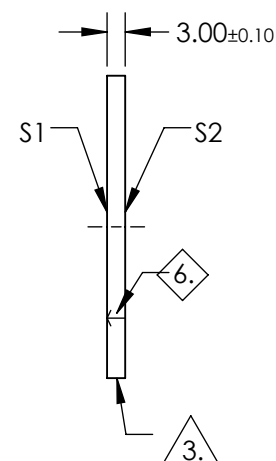
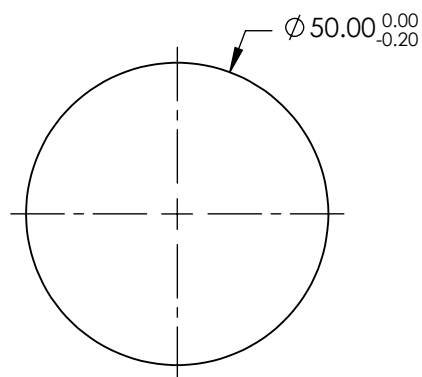


3. FINE GRIND SURFACE

4. TRANSMITTED WAVEFRONT DISTORTION RMS @ ≤λ/4 (prior to coating)

5. ROHS COMPLIANT

6. ARROW POINTS TOWARDS THE FILTER COATED SURFACE

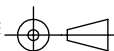


SHORTPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE  
DIMENSIONS ARE FOR REFERENCE ONLY

|                 | S1                   | S2                   |
|-----------------|----------------------|----------------------|
| SHAPE           | PLANO                | PLANO                |
| SURFACE QUALITY | 60-40                | 60-40                |
| CLEAR APERTURE  | >80%                 | >80%                 |
| BEVEL           | PROTECTIVE AS NEEDED | PROTECTIVE AS NEEDED |

THIRD ANGLE  
PROJECTION



ALL DIMS IN

mm

**Edmund Optics®**

TITLE

1300nm 50mm Diameter, OD 4 Shortpass Filter

DWG NO

89680

SHEET  
1 OF 1