

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

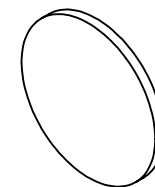
T(AVG): ≥91% FROM 535 - 1135nm

T(AVG): ≤0.01% FROM 1190 - 1650nm

CUT-OFF SLOPE: <1%

CUT-OFF WAVELENGTH: 1150nm ± 1%

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

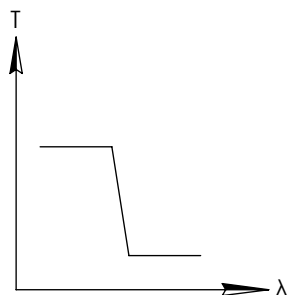
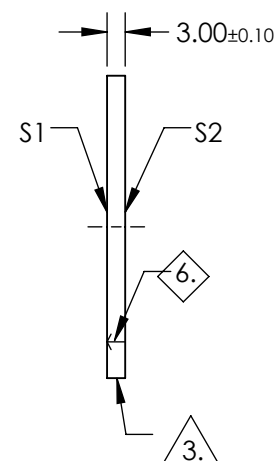
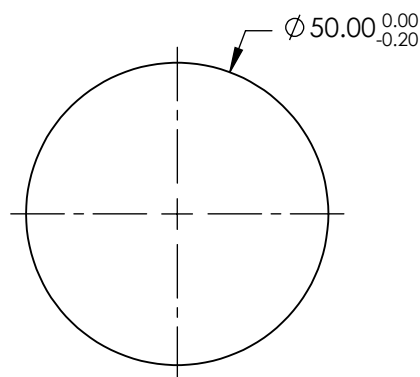


3. FINE GRIND SURFACE

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

5. ROHS COMPLIANT

6. ARROW POINTS TOWARDS THE FILTER COATED SURFACE

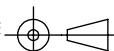


SHORTPASS FILTER

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

1150nm 50mm Diameter, OD 4 Shortpass Filter

DWG NO

89677

SHEET
1 OF 1