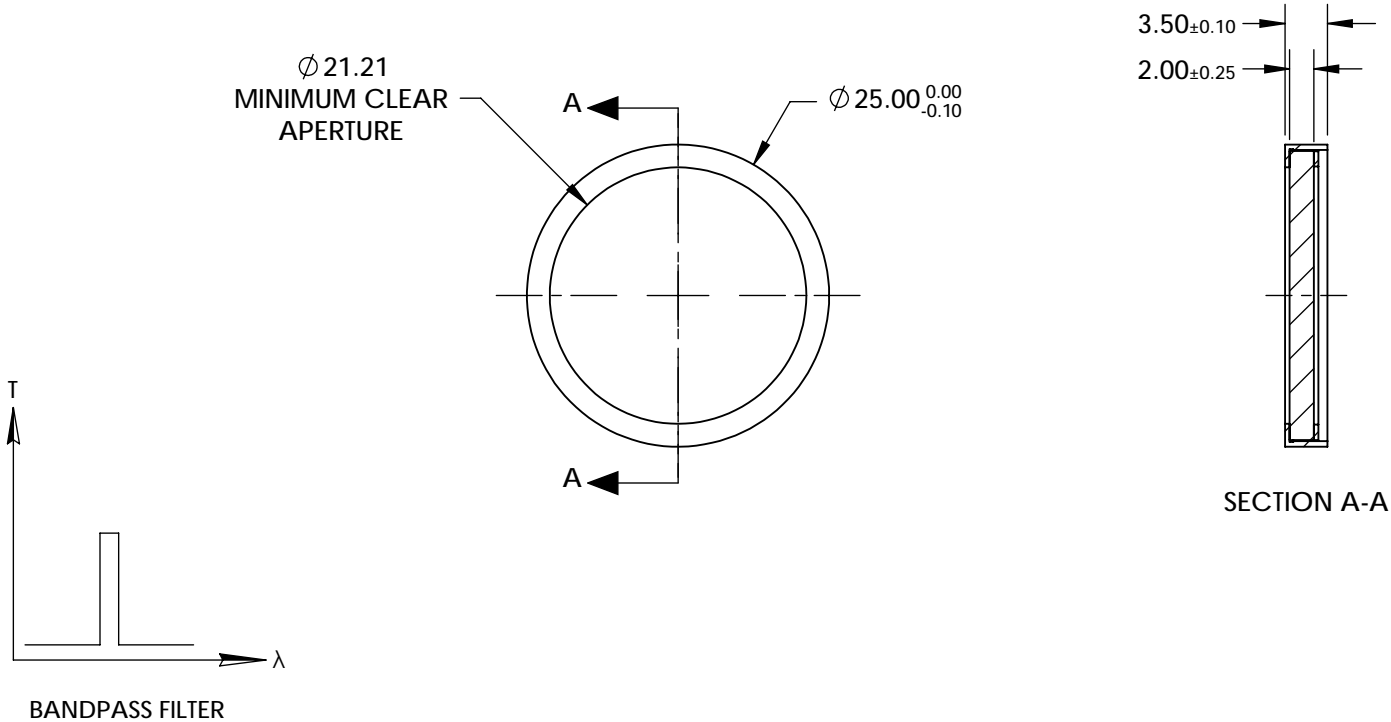


- NOTES:
- 1. SUBSTRATE:
FUSED SILICA MOUNTED IN BLACK ANODIZED ALUMINUM RING
 - 2. TRANSMITTED WAVEFRONT ERROR: $\lambda/4$
 - 3. RoHS: COMPLIANT

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



| | VALUE |
|---------------------------------|---------------------------|
| CENTER WAVELENGTH (CWL) (nm) | 438 ± 2 |
| MINIMUM BANDWIDTH (nm) | 24 |
| FULL WIDTH HALF MAX (FWHM) (nm) | 28 |
| MINIMUM TRANSMISSION (%) | >93 |
| OD6 BLOCKING RANGE (nm) | 250 - 415 & 460 - 600 |
| SURFACE QUALITY | 60-40 |
| COATING TYPE | HARD COATED |
| DURABILITY | MIL-C-48497A SECT. 3.4.1 |
| ENVIRONMENTAL | MIL-STD-801F, SECT. 507.4 |

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

Edmund Optics®



ALL DIMS IN

mm

TITLE

OD6, Ø25mm, 438nm x 28nm, BP
FLUORESCENCE FILTER

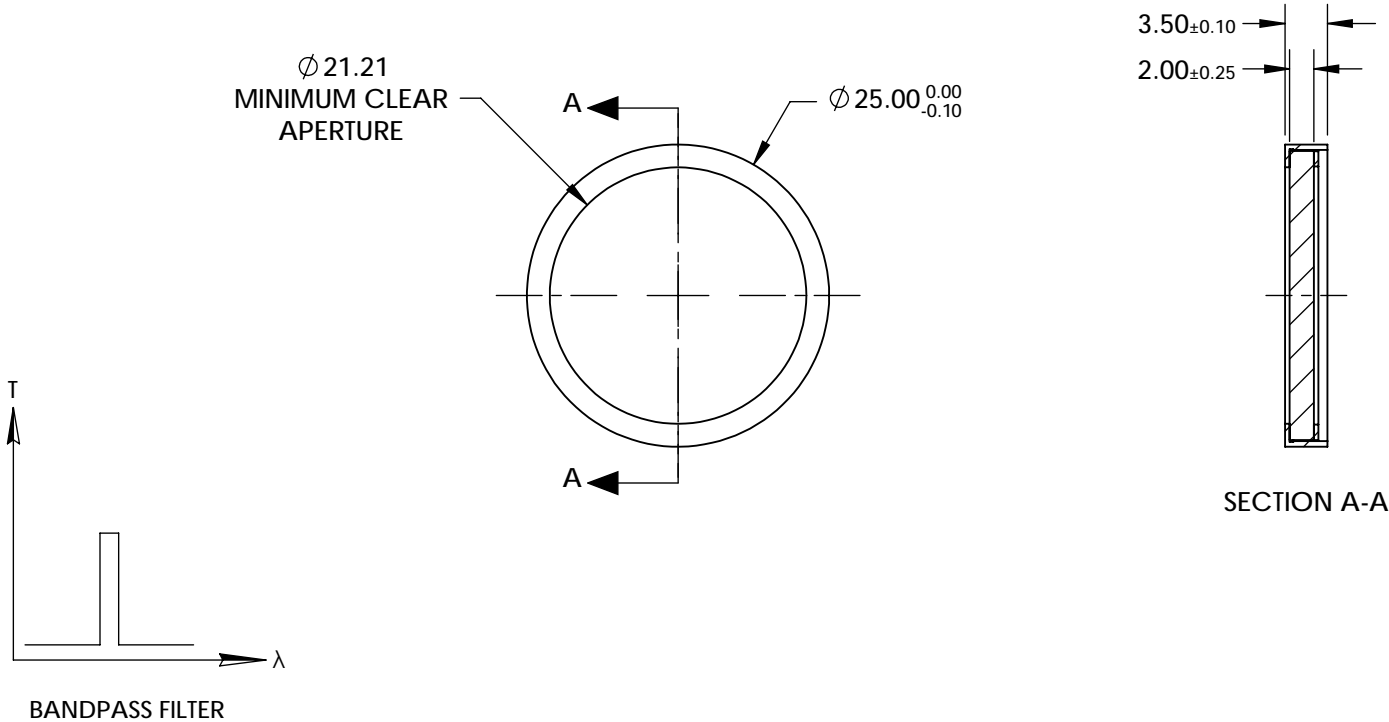
DWG NO

67026

SHEET
1 OF 1

- NOTES:
- 1. SUBSTRATE:
FUSED SILICA MOUNTED IN BLACK ANODIZED ALUMINUM RING
 - 2. TRANSMITTED WAVEFRONT ERROR: $\lambda/4$
 - 3. RoHS: COMPLIANT

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



| | VALUE |
|---------------------------------|---------------------------|
| CENTER WAVELENGTH (CWL) (nm) | 534.5 \pm 2 |
| MINIMUM BANDWIDTH (nm) | 43 |
| FULL WIDTH HALF MAX (FWHM) (nm) | 48 |
| MINIMUM TRANSMISSION (%) | >93 |
| OD6 BLOCKING RANGE (nm) | 250 - 497 & 588 - 1000 |
| SURFACE QUALITY | 60-40 |
| COATING TYPE | HARD COATED |
| DURABILITY | MIL-C-48497A SECT. 3.4.1 |
| ENVIRONMENTAL | MIL-STD-801F, SECT. 507.4 |

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

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ALL DIMS IN

mm

TITLE

OD6, Ø25mm, 534.5nm x 48nm, BP
FLUORESCENCE FILTER

DWG NO

67031

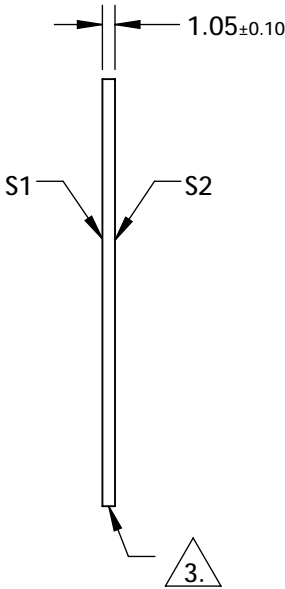
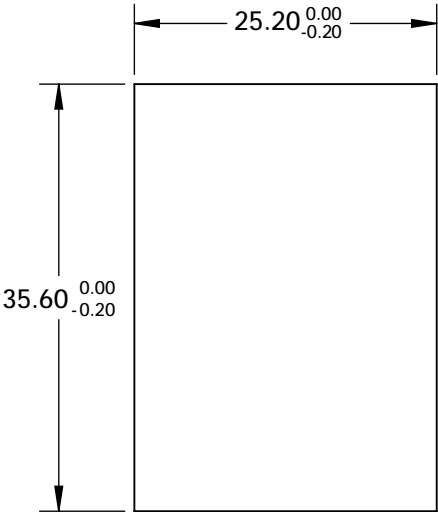
SHEET
1 OF 1

NOTES:

- 1. SUBSTRATE
UV GRADE FUSED SILICA
- 2. COATING (APPLY ACROSS CLEAR APERTURE)
HARD COATED
PERFORMANCE SPECS:
T(AVG) = 90% FROM 490 - 850nm @ 45 ° AOI
R(AVG) = 98% FROM 350 - 470nm @ 45 ° AOI
T(ABS) = 50% @ 482nm @ 45 ° AOI


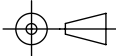
3. FINE GRIND SURFACE

- 4. SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
- 5. TRANSMITTED WAVEFRONT DISTORTION RMS @ 632.8nm ≤1λ
- 6. ROHS COMPLIANT



**FOR INFORMATION ONLY:
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PARTS TO THIS DRAWING**

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

| | | | | | | |
|-----------------|----------------------|----------------------|---|----|-----------------|-------|
| | S1 | S2 |  | | | |
| SHAPE | PLANO | PLANO |  | | | |
| SURFACE QUALITY | 60-40 | 60-40 | | | | |
| CLEAR APERTURE | 22.00 x 32.00 | 22.00 x 32.00 | TITLE | | | |
| BEVEL | PROTECTIVE AS NEEDED | PROTECTIVE AS NEEDED | ALL DIMS IN | mm | DWG NO | 86331 |
| | | | | | SHEET 1 OF 1 | |