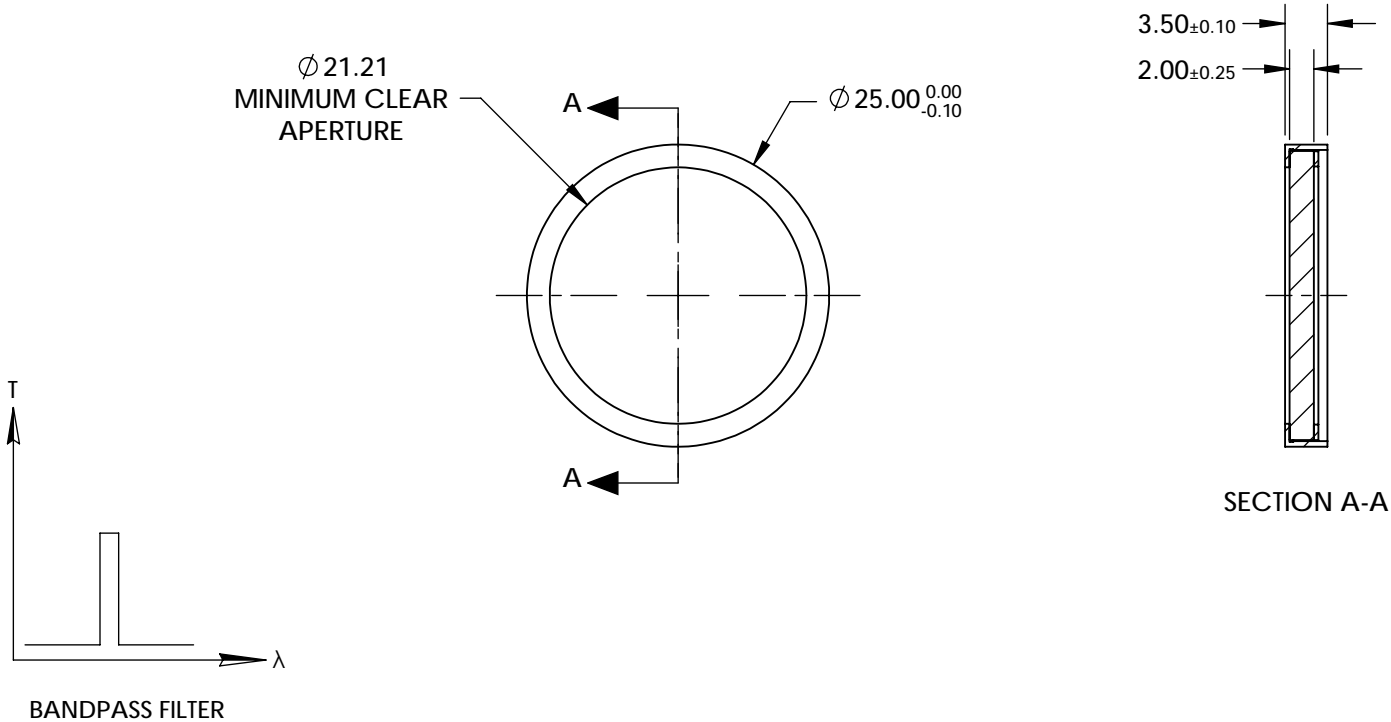


- NOTES:
- 1. SUBSTRATE:  
FUSED SILICA MOUNTED IN BLACK ANODIZED ALUMINUM RING
  - 2. TRANSMITTED WAVEFRONT ERROR:  $\lambda/4$
  - 3. RoHS: COMPLIANT

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



|                                 | VALUE                     |
|---------------------------------|---------------------------|
| CENTER WAVELENGTH (CWL) (nm)    | 543 $\pm$ 2               |
| MINIMUM BANDWIDTH (nm)          | 22                        |
| FULL WIDTH HALF MAX (FWHM) (nm) | 27                        |
| MINIMUM TRANSMISSION (%)        | >93                       |
| OD6 BLOCKING RANGE (nm)         | 250 - 518 & 565 - 750     |
| 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, 543nm x 27nm, BP  
FLUORESCENCE FILTER

DWG NO

67032

SHEET  
1 OF 1

NOTES:

1. SUBSTRATE  
UV GRADE FUSED SILICA

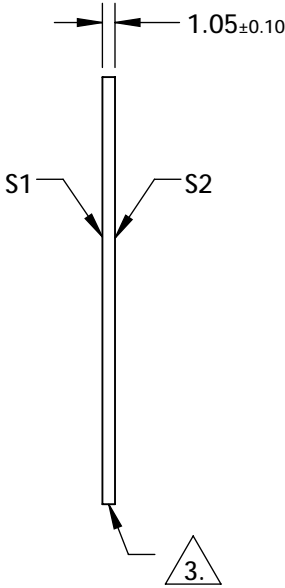
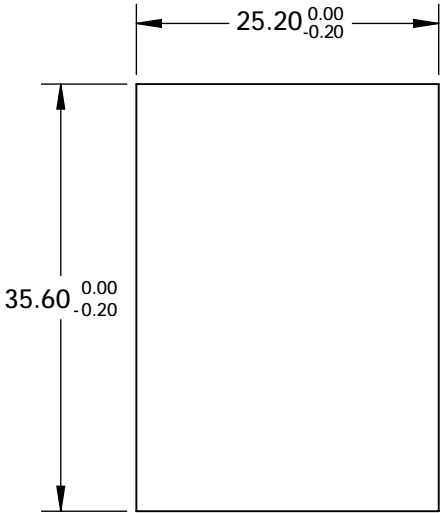
2. COATING (APPLY ACROSS CLEAR APERTURE)  
HARD COATED  
PERFORMANCE SPECS:  
T(AVG) = 90% FROM 570 - 750nm @ 45 ° AOI  
R(AVG) = 98% FROM 490 - 554nm @ 45 ° AOI  
T(ABS) = 50% @ 562nm @ 45 ° AOI

3. FINE GRIND SURFACE

4. SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE


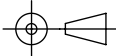
5. TRANSMITTED WAVEFRONT DISTORTION RMS @ 632.8nm ≤1λ

6. ROHS COMPLIANT



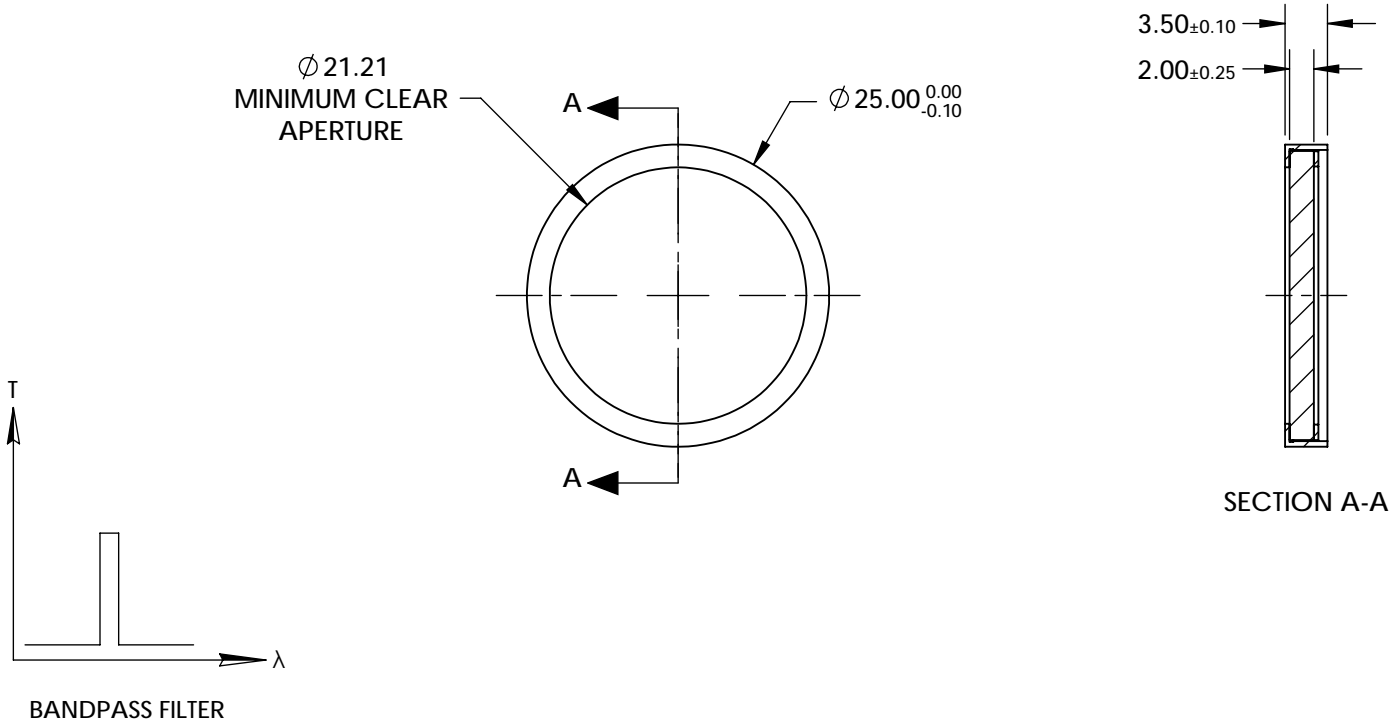
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DIMENSIONS ARE FOR REFERENCE ONLY

|                 |                      |                      |   |       |                                      |       |
|-----------------|----------------------|----------------------|---|-------|--------------------------------------|-------|
|                 | S1                   | S2                   |  |       |                                      |       |
| SHAPE           | PLANO                | PLANO                |  | TITLE | 562nm, 25.2 X 35.6mm, DICHOIC FILTER |       |
| SURFACE QUALITY | 60-40                | 60-40                |   |       |                                      |       |
| CLEAR APERTURE  | 22.00 x 32.00        | 22.00 x 32.00        |   |       |                                      |       |
| BEVEL           | PROTECTIVE AS NEEDED | PROTECTIVE AS NEEDED | ALL DIMS IN   | mm    | DWG NO                               | 67082 |
|                 |                      |                      |   |       | SHEET<br>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)    | 586 $\pm$ 2               |
| MINIMUM BANDWIDTH (nm)          | 20                        |
| FULL WIDTH HALF MAX (FWHM) (nm) | 26                        |
| MINIMUM TRANSMISSION (%)        | >93                       |
| OD6 BLOCKING RANGE (nm)         | 300 - 561 & 610 - 780     |
| 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, 586nm x 26nm, BP  
FLUORESCENCE FILTER

DWG NO

84101

SHEET  
1 OF 1