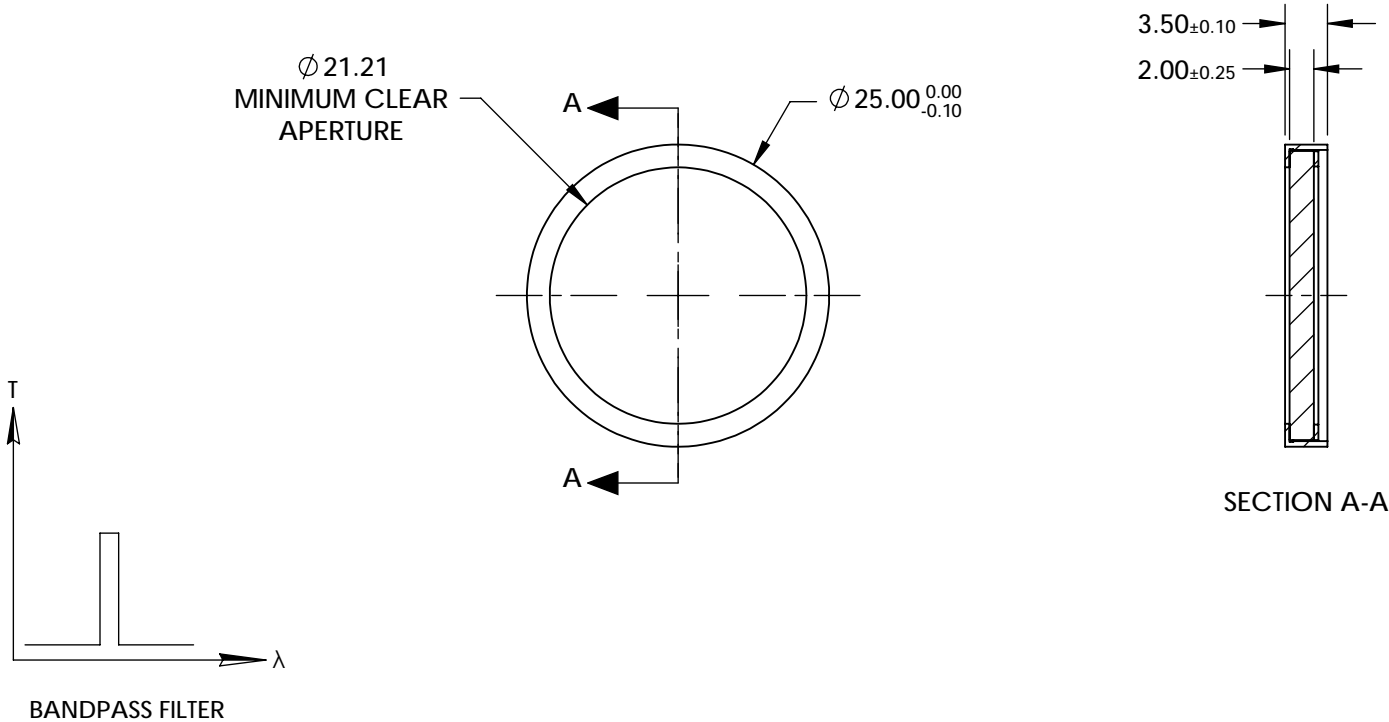


- NOTES:
- 1. SUBSTRATE:  
FUSED SILICA MOUNTED IN BLACK ANODIZED ALUMINUM RING
  - 2. TRANSMITTED WAVEFRONT ERROR:  $\lambda/4$
  - 3. RoHS: COMPLIANT

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



	VALUE
CENTER WAVELENGTH (CWL) (nm)	472 ± 2
MINIMUM BANDWIDTH (nm)	30
FULL WIDTH HALF MAX (FWHM) (nm)	35
MINIMUM TRANSMISSION (%)	>93
OD6 BLOCKING RANGE (nm)	250 - 442 & 498 - 640
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, 472nm x 35nm, BP  
FLUORESCENCE FILTER

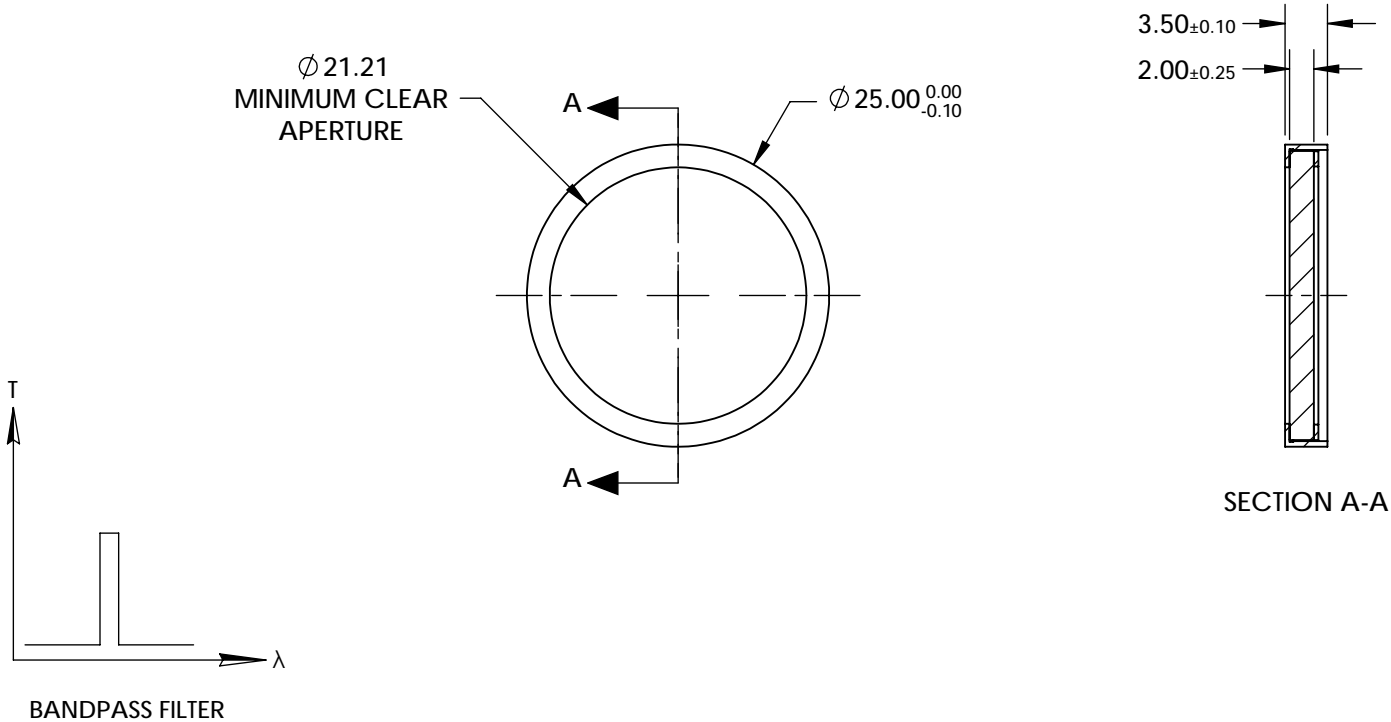
DWG NO

67027

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)	520 $\pm$ 2
MINIMUM BANDWIDTH (nm)	36
FULL WIDTH HALF MAX (FWHM) (nm)	41
MINIMUM TRANSMISSION (%)	>93
OD6 BLOCKING RANGE (nm)	250 - 488 & 560 - 700
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, 520nm x 41nm, BP  
FLUORESCENCE FILTER

DWG NO

67030

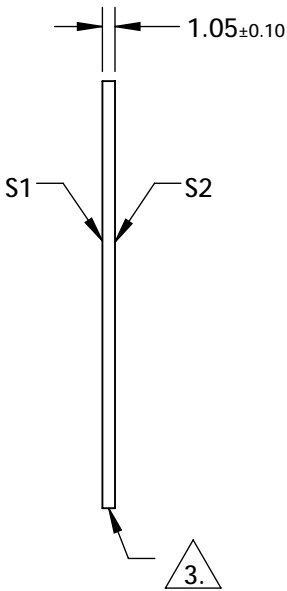
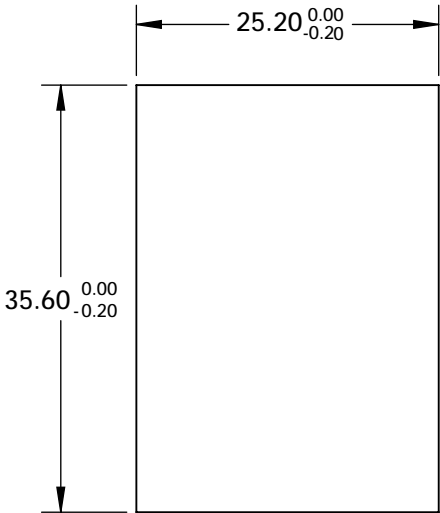
SHEET  
1 OF 1

NOTES:

- 1. SUBSTRATE  
UV GRADE FUSED SILICA
- 2. COATING (APPLY ACROSS CLEAR APERTURE)  
HARD COATED  
PERFORMANCE SPECS:  
T(AVG) = 90% FROM 502 - 730nm @ 45 ° AOI  
R(AVG) = 98% FROM 435 - 488nm @ 45 ° AOI  
T(ABS) = 50% @ 495nm @ 45 ° AOI


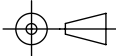
3. FINE GRIND SURFACE

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



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

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE  
DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2				
SHAPE	PLANO	PLANO		TITLE	495nm, 25.2 X 35.6mm, DICHROIC 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	67079
					SHEET 1 OF 1	