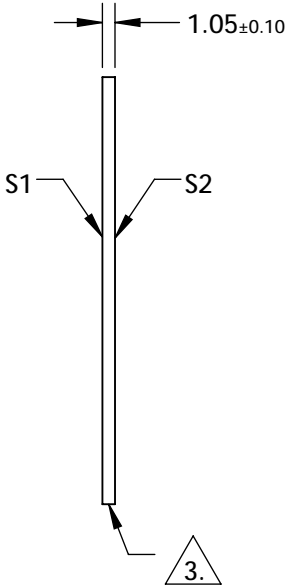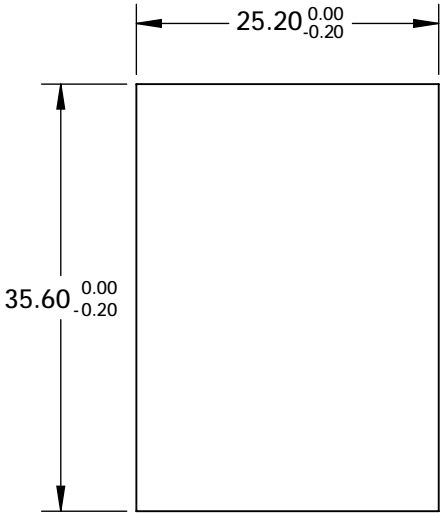NOTES:

1. SUBSTRATE
    UV GRADE FUSED SILICA

2. COATING (APPLY ACROSS CLEAR APERTURE)
   HARD COATED
   PERFORMANCE SPECS:
   T(AVG) = 90% FROM 515 - 850nm @ 45 ° AOI
   R(AVG) = 98% FROM 350 - 488nm @ 45 ° AOI
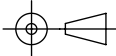   T(ABS) = 50% @ 510nm @ 45 ° AOI

3. FINE GRIND SURFACE

4. SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE

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

6. ROHS COMPLIANT

$25.20^{0.00}_{-0.20}$

$1.05_{\pm0.10}$

S1   S2

$35.60^{0.00}_{-0.20}$

3.

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

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	S1	S2			
SHAPE	PLANO	PLANO	THIRD ANGLE PROJECTION	TITLE	510nm, 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 86332	SHEET 1 OF 1

NOTES:

1. SUBSTRATE:
   FUSED SILICA MOUNTED IN BLACK ANODIZED ALUMINUM RING

2. TRNSMITTED WAVEFRONT ERROR: λ/4

3. RoHS: COMPLIANT

3.50 ± 0.10

2.00 ± 0.25

$\emptyset\, 21.21$
MINIMUM CLEAR
APERTURE

A

$\emptyset\, 25.00\,^{0.00}_{-0.10}$

A

SECTION A-A

T

λ

BANDPASS FILTER
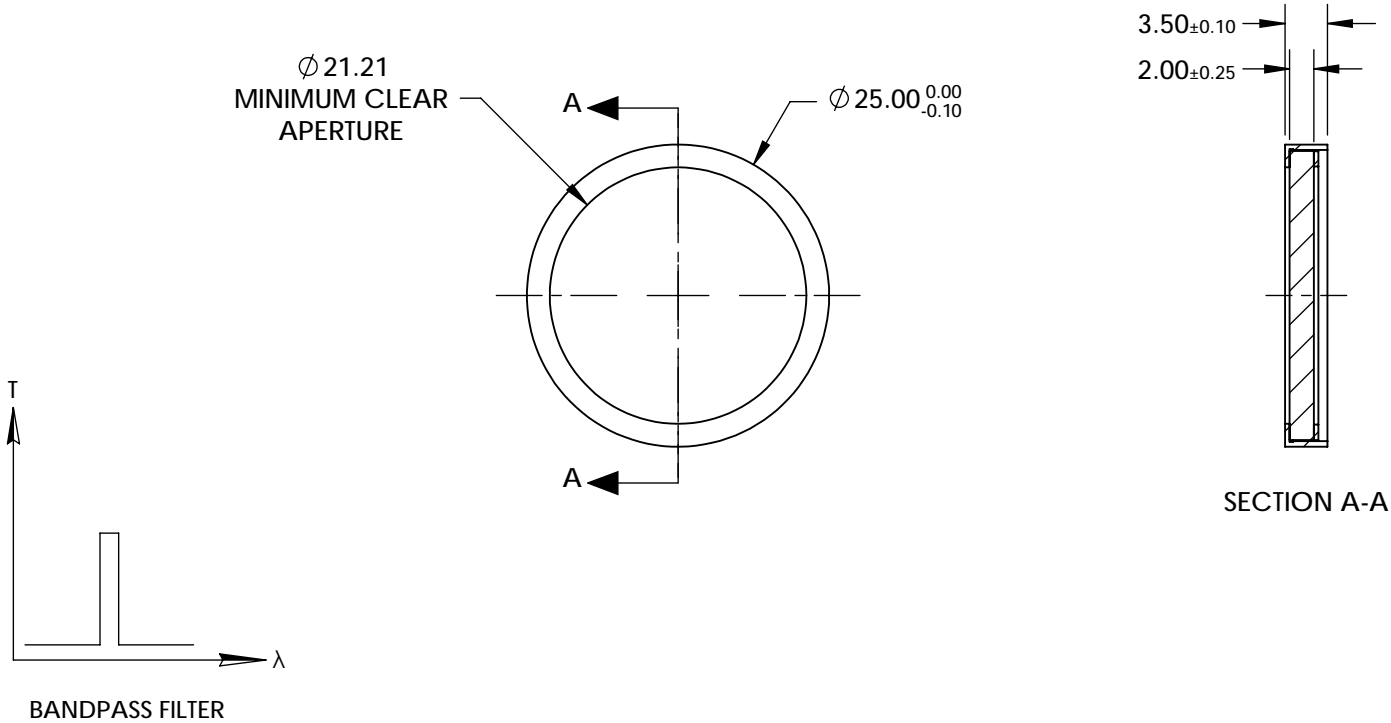
	VALUE
CENTER WAVELENGTH (CWL) (nm)	435 ± 2
MINIMUM BANDWIDTH (nm)	40
FULL WIDTH HALF MAX (FWHM) (nm)	48
MINIMUM TRANSMISSION (%)	>93
OD6 BLOCKING RANGE (nm)	505 - 850
SURFACE QUALITY	60-40
COATING TYPE	HARD COATED
DURABILITY	MIL-C-48497A, SECT. 3.4.1
ENVIRONMENTAL	MIL-STD-801F, SECT. 507.4

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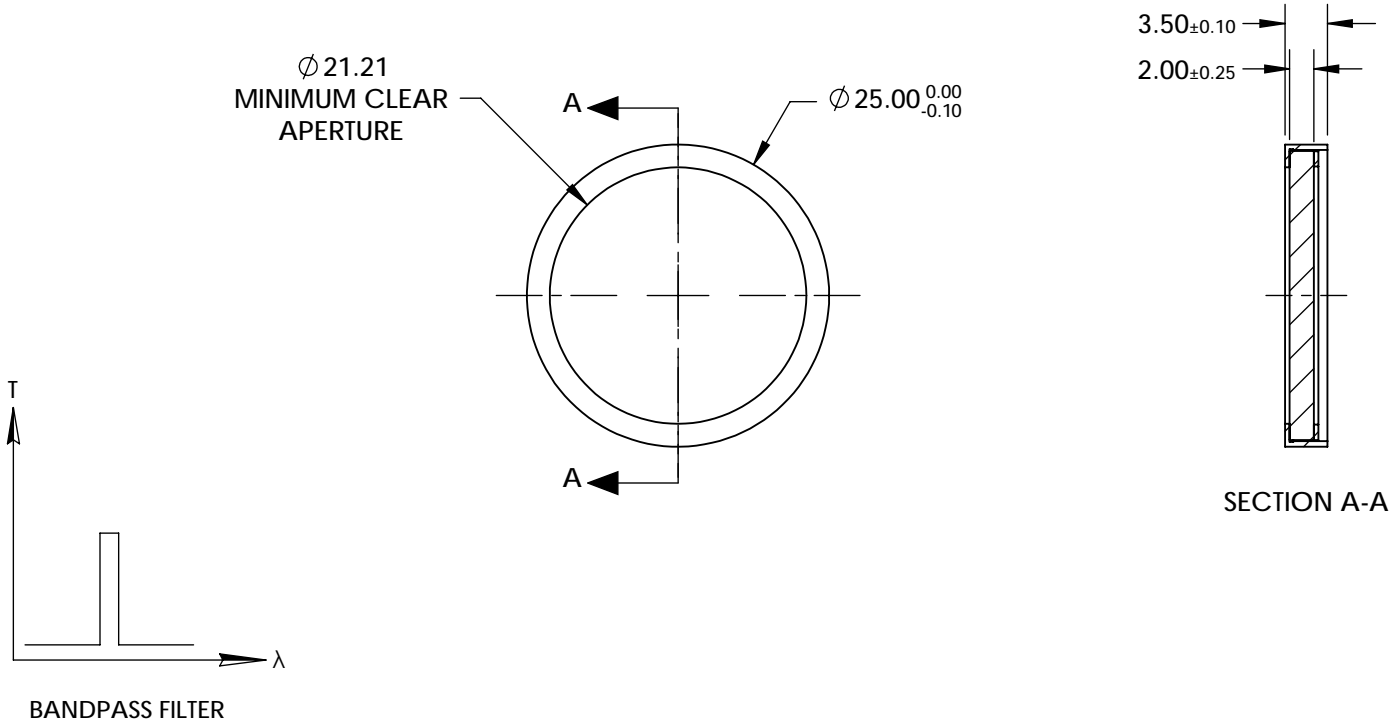| THIRD ANGLE PROJECTION		TITLE	OD6, Ø25mm, 435nm x 48nm, BP FLUORESCENCE FILTER	
ALL DIMS IN	mm	DWG NO	86349	SHEET 1 OF 1

NOTES:

1. SUBSTRATE:
   FUSED SILICA MOUNTED IN BLACK ANODIZED ALUMINUM RING

2. TRNSMITTED WAVEFRONT ERROR: λ/4

3. RoHS: COMPLIANT

$\emptyset$ 21.21
MINIMUM CLEAR
APERTURE

$\emptyset$ 25.00 $^{0.00}_{-0.10}$

A — A

3.50 ±0.10
2.00 ±0.25

SECTION A-A

T

λ

BANDPASS FILTER

	VALUE
CENTER WAVELENGTH (CWL) (nm)	625 ± 2
MINIMUM BANDWIDTH (nm)	15
FULL WIDTH HALF MAX (FWHM) (nm)	25
MINIMUM TRANSMISSION (%)	>93
OD6 BLOCKING RANGE (nm)	403 - 455
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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THIRD ANGLE PROJECTION		TITLE	OD6, Ø25mm, 625nm x 25nm, BP FLUORESCENCE FILTER	
ALL DIMS IN	mm	DWG NO	86357	SHEET 1 OF 1