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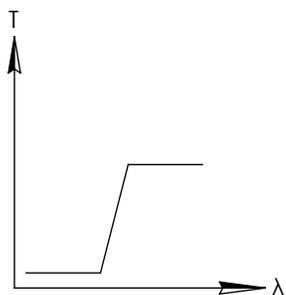
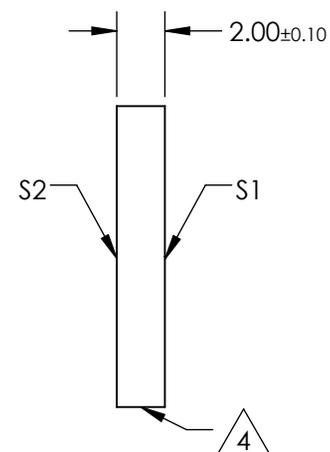
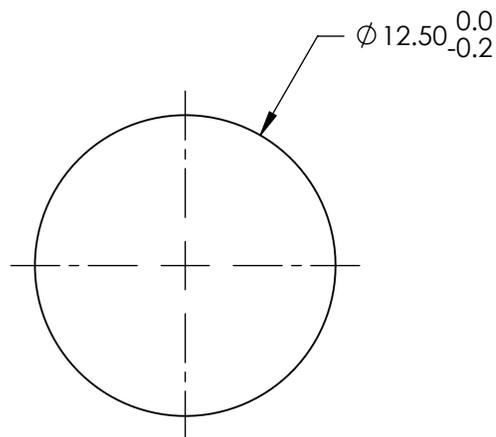
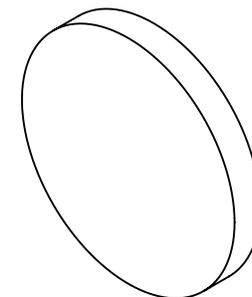
**FOR INFORMATION ONLY:
DO NOT MANUFACTURE
PARTS TO THIS DRAWING**

1. SUBSTRATE
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN 5 arcsec
3. COATING (APPLY ACROSS COATING APERTURE)
 S1: HARD DIELECTRIC SPUTTERED
 T(avg): $\geq 91\%$ FROM 408 - 1650nm @ 0° AOI
 T(avg): $\leq 0.01\%$ FROM 200 - 390nm @ 0° AOI
 T(abs): =50% FOR 400±4nm @ 0° AOI

S2: SINGLE LAYER MgF2

4. FINE GRIND SURFACE

5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS
 APPLY ACROSS CLEAR APERTURE
6. TRANSMITTED WAVEFRONT DISTORTION, RMS: $\leq \lambda/4$ @ 633nm
7. ROHS COMPLIANT



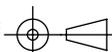
LONGPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
 DIMENSIONS ARE FOR REFERENCE ONLY

REV A	S1	S2
SHAPE	PLANO	PLANO
SURFACE QUALITY	40-20	40-20
CLEAR APERTURE	>80%	>80%
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

EO® Edmund Optics®

THIRD ANGLE PROJECTION



TITLE

Ø12.5mm, 400nm, HIGH PERFORMANCE
 LONGPASS FILTER

ALL DIMS IN

mm

DWG NO

62974

SHEET
 1 OF 1

NOTES:

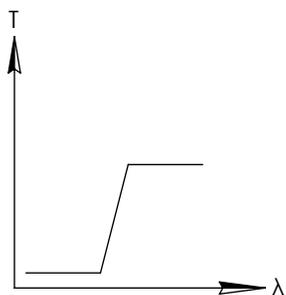
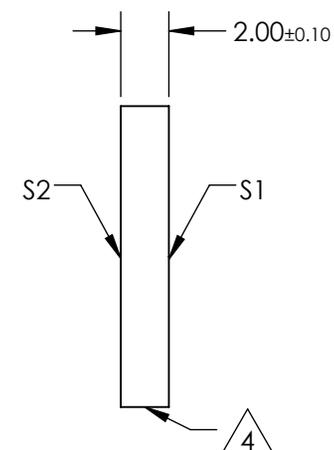
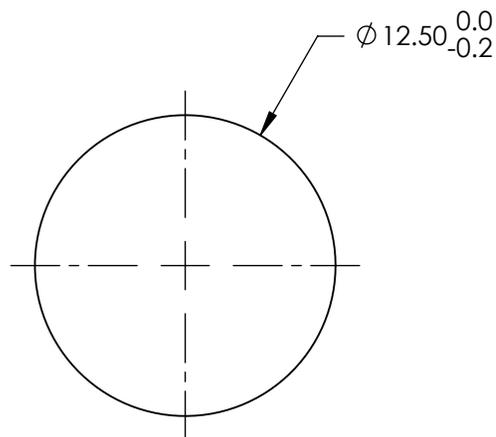
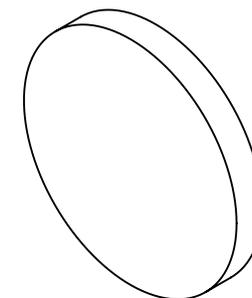
**FOR INFORMATION ONLY:
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PARTS TO THIS DRAWING**

1. SUBSTRATE
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN 5 arcsec
3. COATING (APPLY ACROSS COATING APERTURE)
 S1: HARD DIELECTRIC SPUTTERED
 T(avg): $\geq 91\%$ FROM 458 - 1650nm @ 0° AOI
 T(avg): $\leq 0.01\%$ FROM 200 - 440nm @ 0° AOI
 T(abs): =50% FOR 450±4.5nm @ 0° AOI

S2: SINGLE LAYER MgF2

 FINE GRIND SURFACE

5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS
APPLY ACROSS CLEAR APERTURE
6. TRANSMITTED WAVEFRONT DISTORTION, RMS: $\leq \lambda/4$ @ 633nm
7. ROHS COMPLIANT



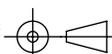
LONGPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

REV A	S1	S2
SHAPE	PLANO	PLANO
SURFACE QUALITY	40-20	40-20
CLEAR APERTURE	>80%	>80%
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

 **Edmund Optics®**

THIRD ANGLE
PROJECTION



TITLE

Ø12.5mm, 450nm, HIGH PERFORMANCE
LONGPASS FILTER

ALL DIMS IN

mm

DWG NO

62975

SHEET
1 OF 1

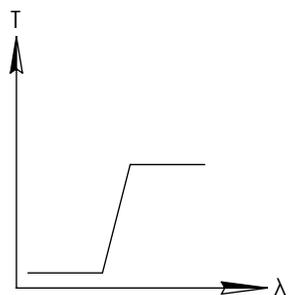
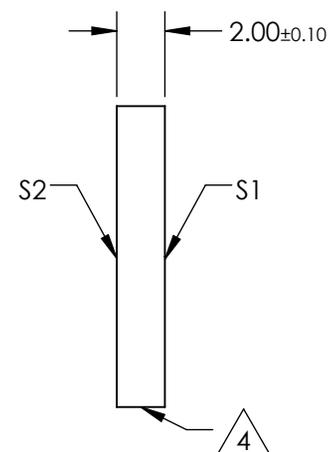
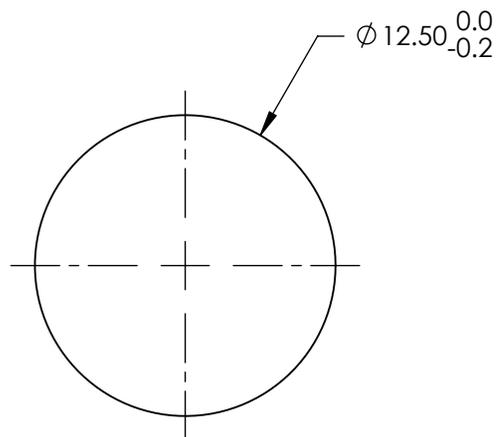
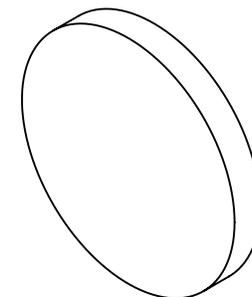
NOTES:

1. SUBSTRATE
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN 5 arcsec
3. COATING (APPLY ACROSS COATING APERTURE)
 S1: HARD DIELECTRIC SPUTTERED
 T(avg): $\geq 91\%$ FROM 508 - 1650nm @ 0° AOI
 T(avg): $\leq 0.01\%$ FROM 200 - 490nm @ 0° AOI
 T(abs): =50% FOR 500±5nm @ 0° AOI
 S2: SINGLE LAYER MgF2

4. FINE GRIND SURFACE

5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS
 APPLY ACROSS CLEAR APERTURE
6. TRANSMITTED WAVEFRONT DISTORTION, RMS: $\leq \lambda/4$ @ 633nm
7. ROHS COMPLIANT

FOR INFORMATION ONLY:
DO NOT MANUFACTURE
PARTS TO THIS DRAWING



LONGPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
 DIMENSIONS ARE FOR REFERENCE ONLY

EO® Edmund Optics®

REV A	S1	S2
SHAPE	PLANO	PLANO
SURFACE QUALITY	40-20	40-20
CLEAR APERTURE	>80%	>80%
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

THIRD ANGLE PROJECTION



TITLE

Ø12.5mm, 500nm, HIGH PERFORMANCE
LONGPASS FILTER

ALL DIMS IN

mm

DWG NO

62976

SHEET
1 OF 1

NOTES:

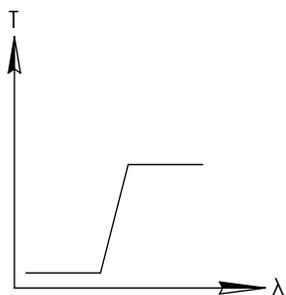
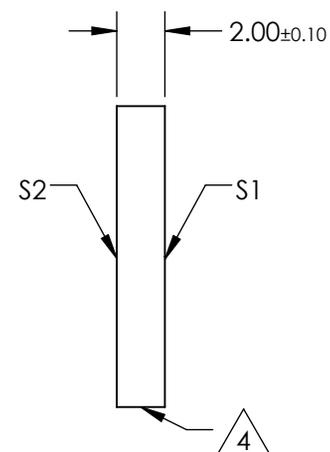
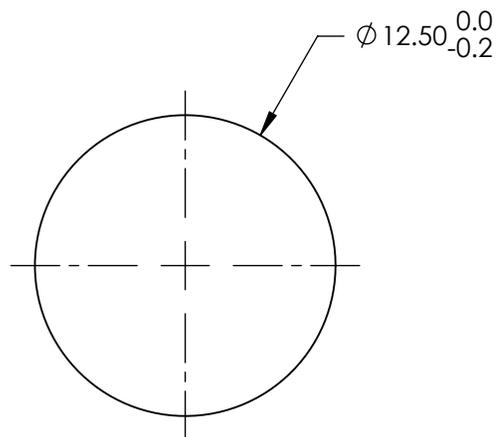
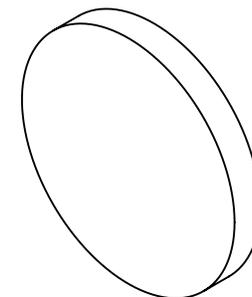
**FOR INFORMATION ONLY:
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PARTS TO THIS DRAWING**

1. SUBSTRATE
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN 5 arcsec
3. COATING (APPLY ACROSS COATING APERTURE)
 S1: HARD DIELECTRIC SPUTTERED
 T(avg): $\geq 91\%$ FROM 560 - 1650nm @ 0° AOI
 T(avg): $\leq 0.01\%$ FROM 200 - 539nm @ 0° AOI
 T(abs): =50% FOR 550±5.5nm @ 0° AOI

S2: SINGLE LAYER MgF2

 FINE GRIND SURFACE

5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS
APPLY ACROSS CLEAR APERTURE
6. TRANSMITTED WAVEFRONT DISTORTION, RMS: $\leq \lambda/4$ @ 633nm
7. ROHS COMPLIANT



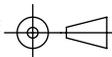
LONGPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

 **Edmund Optics®**

REV A	S1	S2
SHAPE	PLANO	PLANO
SURFACE QUALITY	40-20	40-20
CLEAR APERTURE	>80%	>80%
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

THIRD ANGLE
PROJECTION



ALL DIMS IN

mm

TITLE

$\phi 12.5\text{mm}$, 550nm, HIGH PERFORMANCE
LONGPASS FILTER

DWG NO

62977

SHEET
1 OF 1

NOTES:

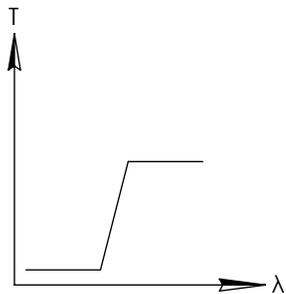
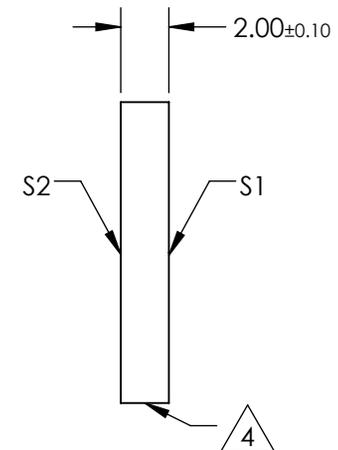
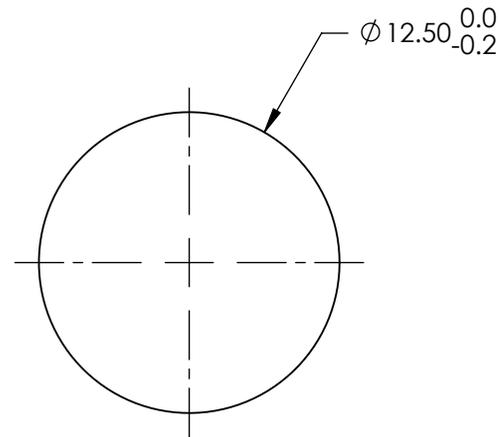
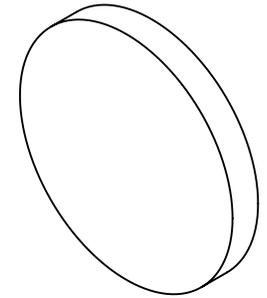
1. SUBSTRATE
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN 5 arcsec
3. COATING (APPLY ACROSS COATING APERTURE)
 S1: HARD DIELECTRIC SPUTTERED
 T(avg): $\geq 91\%$ FROM 610 - 1650nm @ 0° AOI
 T(avg): $\leq 0.01\%$ FROM 200 - 588nm @ 0° AOI
 T(abs): =50% FOR 600±6nm @ 0° AOI

 S2: SINGLE LAYER MgF2

4. FINE GRIND SURFACE

5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS
 APPLY ACROSS CLEAR APERTURE
6. TRANSMITTED WAVEFRONT DISTORTION, RMS: $\leq \lambda/4$ @ 633nm
7. ROHS COMPLIANT

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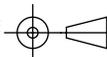
LONGPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
 DIMENSIONS ARE FOR REFERENCE ONLY

EO® Edmund Optics®

REV A	S1	S2
SHAPE	PLANO	PLANO
SURFACE QUALITY	40-20	40-20
CLEAR APERTURE	>80%	>80%
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

THIRD ANGLE PROJECTION



ALL DIMS IN

mm

TITLE

Ø12.5mm, 600nm, HIGH PERFORMANCE
 LONGPASS FILTER

DWG NO

62978

SHEET
 1 OF 1

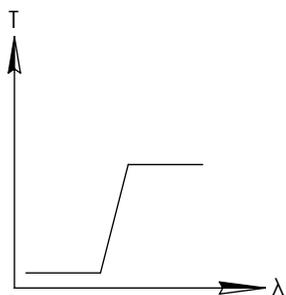
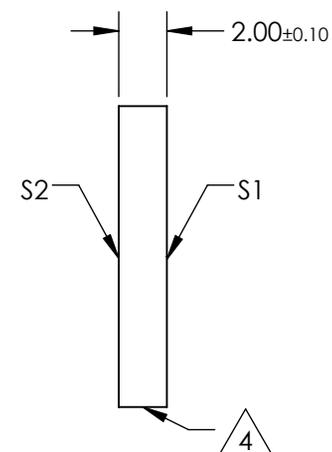
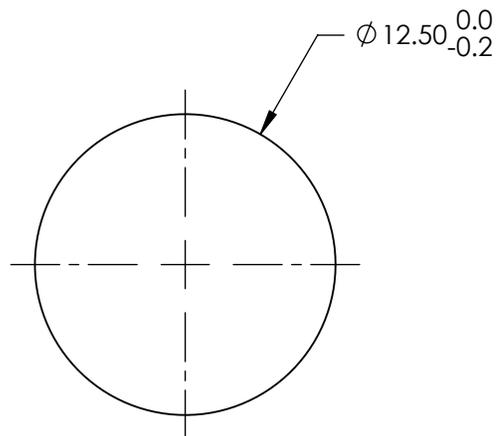
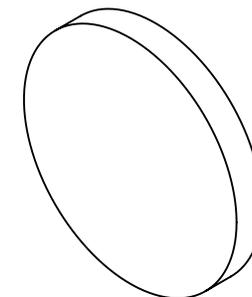
NOTES:

1. SUBSTRATE
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN 5 arcsec
3. COATING (APPLY ACROSS COATING APERTURE)
 S1: HARD DIELECTRIC SPUTTERED
 T(avg): $\geq 91\%$ FROM 660 - 1650nm @ 0° AOI
 T(avg): $\leq 0.01\%$ FROM 200 - 637nm @ 0° AOI
 T(abs): =50% FOR 650±6.5nm @ 0° AOI
 S2: SINGLE LAYER MgF2

4. FINE GRIND SURFACE

5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS
 APPLY ACROSS CLEAR APERTURE
6. TRANSMITTED WAVEFRONT DISTORTION, RMS: $\leq \lambda/4$ @ 633nm
7. ROHS COMPLIANT

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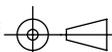


LONGPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
 DIMENSIONS ARE FOR REFERENCE ONLY

REV A	S1	S2
SHAPE	PLANO	PLANO
SURFACE QUALITY	40-20	40-20
CLEAR APERTURE	>80%	>80%
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

THIRD ANGLE PROJECTION



ALL DIMS IN

mm

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TITLE

Ø12.5mm, 650nm, HIGH PERFORMANCE
 LONGPASS FILTER

DWG NO

62979

SHEET
 1 OF 1

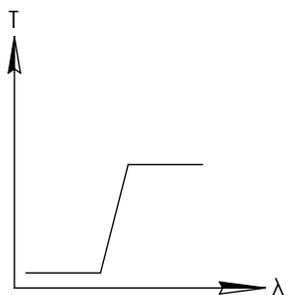
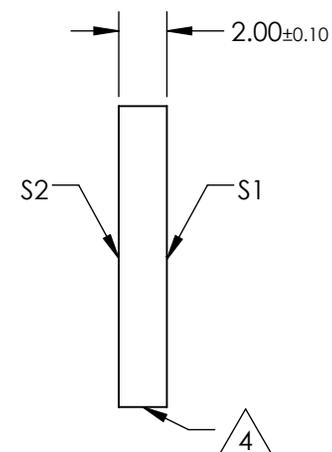
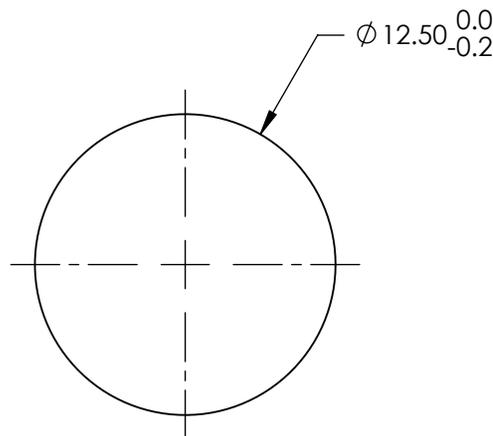
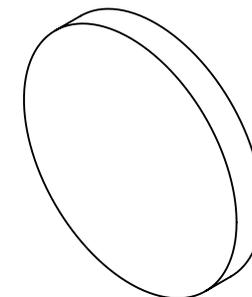
NOTES:

1. SUBSTRATE
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN 5 arcsec
3. COATING (APPLY ACROSS COATING APERTURE)
 S1: HARD DIELECTRIC SPUTTERED
 T(avg): $\geq 91\%$ FROM 765 - 1650nm @ 0° AOI
 T(avg): $\leq 0.01\%$ FROM 200 - 735nm @ 0° AOI
 T(abs): =50% FOR 750 \pm 7.5nm @ 0° AOI
 S2: SINGLE LAYER MgF2

4. FINE GRIND SURFACE

5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS
 APPLY ACROSS CLEAR APERTURE
6. TRANSMITTED WAVEFRONT DISTORTION, RMS: $\leq \lambda/4$ @ 633nm
7. ROHS COMPLIANT

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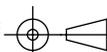
LONGPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
 DIMENSIONS ARE FOR REFERENCE ONLY

REV A	S1	S2
SHAPE	PLANO	PLANO
SURFACE QUALITY	40-20	40-20
CLEAR APERTURE	>80%	>80%
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

EO® Edmund Optics®

THIRD ANGLE PROJECTION



TITLE

Ø12.5mm, 750nm, HIGH PERFORMANCE
 LONGPASS FILTER

ALL DIMS IN

mm

DWG NO

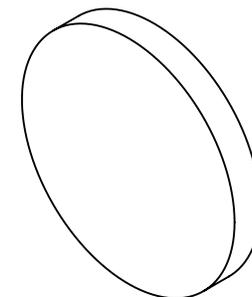
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SHEET
 1 OF 1

NOTES:

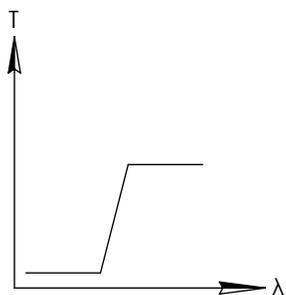
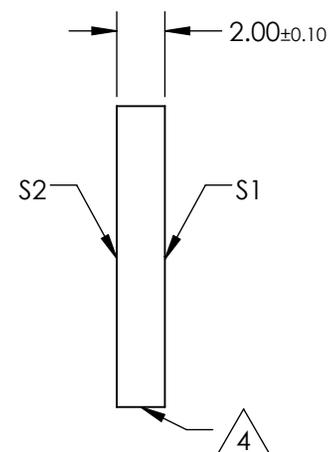
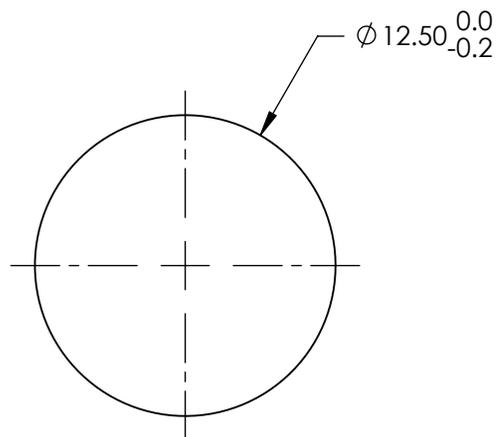
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PARTS TO THIS DRAWING**

1. SUBSTRATE
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN 5 arcsec
3. COATING (APPLY ACROSS COATING APERTURE)
S1: HARD DIELECTRIC SPUTTERED
T(avg): ≥91% FROM 433 - 1650nm @ 0° AOI
T(avg): ≤0.01% FROM 200 - 415nm @ 0° AOI
T(abs): =50% FOR 425±4.25nm @ 0° AOI
S2: SINGLE LAYER MgF2



4. FINE GRIND SURFACE

5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS
APPLY ACROSS CLEAR APERTURE
6. TRANSMITTED WAVEFRONT DISTORTION, RMS: ≤λ/4 @ 633nm
7. ROHS COMPLIANT



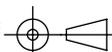
LONGPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

REV A	S1	S2
SHAPE	PLANO	PLANO
SURFACE QUALITY	40-20	40-20
CLEAR APERTURE	>80%	>80%
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

EO® Edmund Optics®

THIRD ANGLE
PROJECTION



TITLE

Ø12.5mm, 425nm, HIGH PERFORMANCE
LONGPASS FILTER

ALL DIMS IN

mm

DWG NO

84736

SHEET
1 OF 1

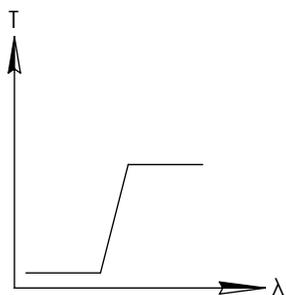
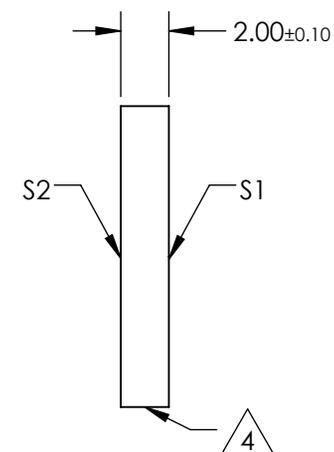
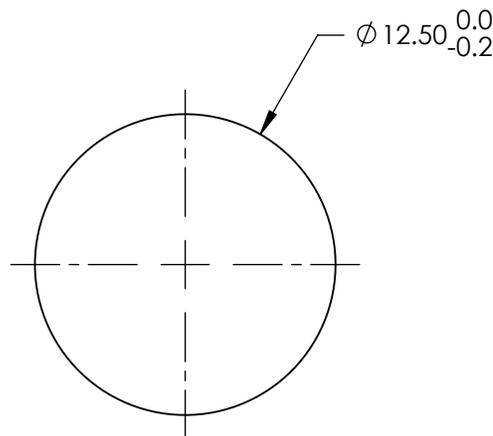
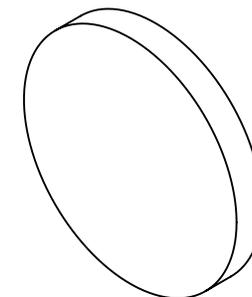
NOTES:

1. SUBSTRATE
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN 5 arcsec
3. COATING (APPLY ACROSS COATING APERTURE)
 S1: HARD DIELECTRIC SPUTTERED
 T(avg): $\geq 91\%$ FROM 483 - 1650nm @ 0° AOI
 T(avg): $\leq 0.01\%$ FROM 200 - 465nm @ 0° AOI
 T(abs): =50% FOR 475±4.75nm @ 0° AOI
 S2: SINGLE LAYER MgF2

4. FINE GRIND SURFACE

5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS
 APPLY ACROSS CLEAR APERTURE
6. TRANSMITTED WAVEFRONT DISTORTION, RMS: $\leq \lambda/4$ @ 633nm
7. ROHS COMPLIANT

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



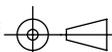
LONGPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
 DIMENSIONS ARE FOR REFERENCE ONLY

REV A	S1	S2
SHAPE	PLANO	PLANO
SURFACE QUALITY	40-20	40-20
CLEAR APERTURE	>80%	>80%
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

EO® Edmund Optics®

THIRD ANGLE PROJECTION



TITLE

Ø12.5mm, 475nm, HIGH PERFORMANCE
 LONGPASS FILTER

ALL DIMS IN

mm

DWG NO

84737

SHEET
 1 OF 1

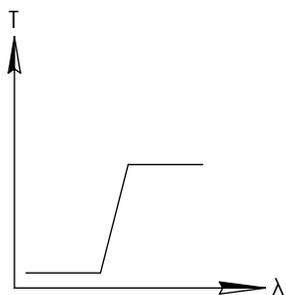
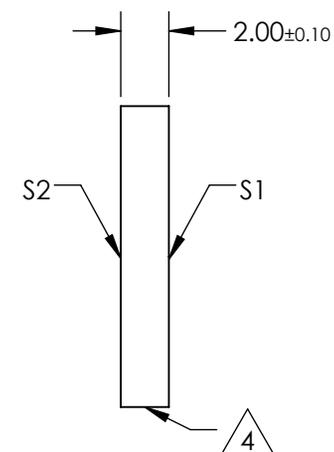
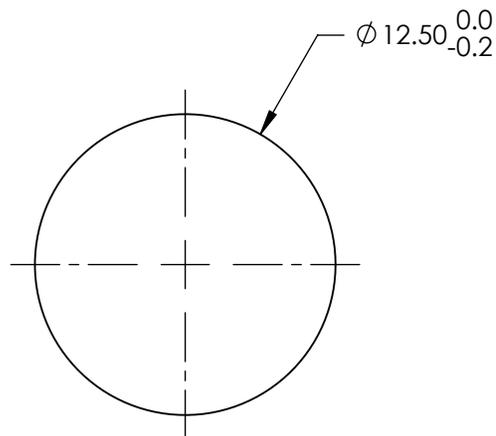
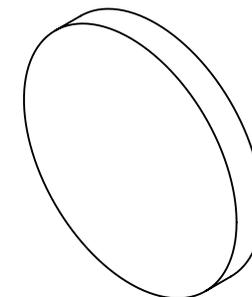
NOTES:

1. SUBSTRATE
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN 5 arcsec
3. COATING (APPLY ACROSS COATING APERTURE)
 S1: HARD DIELECTRIC SPUTTERED
 T(avg): $\geq 91\%$ FROM 534 - 1650nm @ 0° AOI
 T(avg): $\leq 0.01\%$ FROM 200 - 515nm @ 0° AOI
 T(abs): =50% FOR 525 \pm 5.25nm @ 0° AOI
 S2: SINGLE LAYER MgF2

4. FINE GRIND SURFACE

5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS
 APPLY ACROSS CLEAR APERTURE
6. TRANSMITTED WAVEFRONT DISTORTION, RMS: $\leq \lambda/4$ @ 633nm
7. ROHS COMPLIANT

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



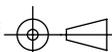
LONGPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
 DIMENSIONS ARE FOR REFERENCE ONLY

REV A	S1	S2
SHAPE	PLANO	PLANO
SURFACE QUALITY	40-20	40-20
CLEAR APERTURE	>80%	>80%
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

EO® Edmund Optics®

THIRD ANGLE PROJECTION



TITLE

Ø12.5mm, 525nm, HIGH PERFORMANCE
 LONGPASS FILTER

ALL DIMS IN

mm

DWG NO

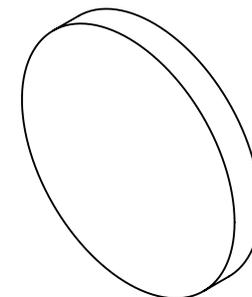
84738

SHEET
 1 OF 1

NOTES:

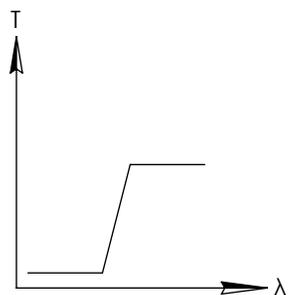
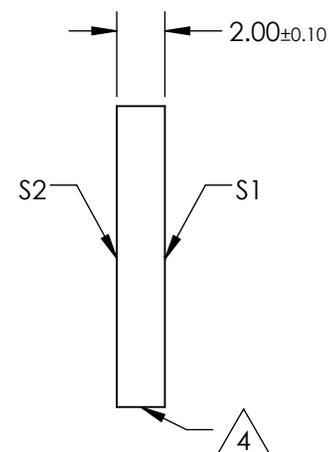
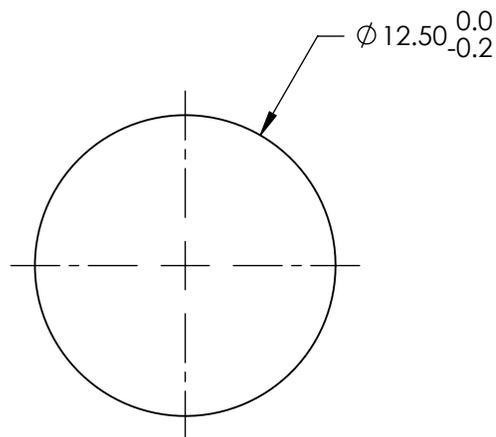
**FOR INFORMATION ONLY:
DO NOT MANUFACTURE
PARTS TO THIS DRAWING**

1. SUBSTRATE
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN 5 arcsec
3. COATING (APPLY ACROSS COATING APERTURE)
S1: HARD DIELECTRIC SPUTTERED
T(avg): $\geq 91\%$ FROM 585 - 1650nm @ 0° AOI
T(avg): $\leq 0.01\%$ FROM 200 - 564nm @ 0° AOI
T(abs): =50% FOR 575 \pm 5.75nm @ 0° AOI
S2: SINGLE LAYER MgF2



4. FINE GRIND SURFACE

5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
6. TRANSMITTED WAVEFRONT DISTORTION, RMS: $\leq \lambda/4$ @ 633nm
7. ROHS COMPLIANT



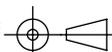
LONGPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

REV A	S1	S2
SHAPE	PLANO	PLANO
SURFACE QUALITY	40-20	40-20
CLEAR APERTURE	>80%	>80%
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

EO® Edmund Optics®

THIRD ANGLE PROJECTION



TITLE

Ø12.5mm, 575nm, HIGH PERFORMANCE
LONGPASS FILTER

ALL DIMS IN

mm

DWG NO

84739

SHEET
1 OF 1

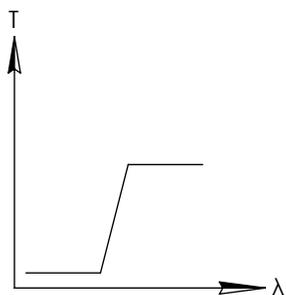
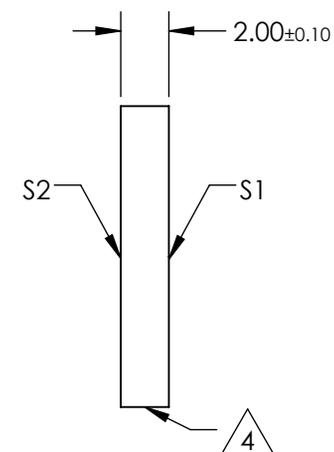
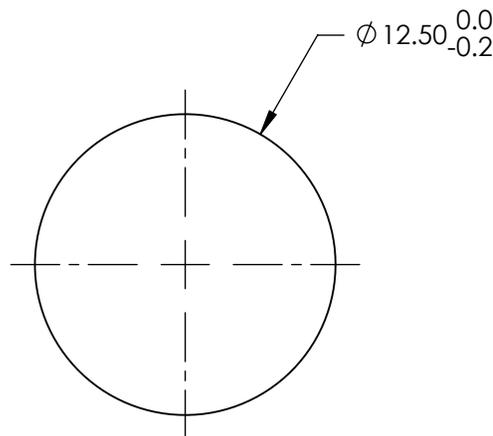
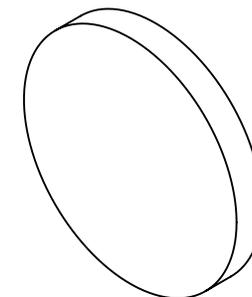
NOTES:

1. SUBSTRATE
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN 5 arcsec
3. COATING (APPLY ACROSS COATING APERTURE)
 S1: HARD DIELECTRIC SPUTTERED
 T(avg): $\geq 91\%$ FROM 635 - 1650nm @ 0° AOI
 T(avg): $\leq 0.01\%$ FROM 200 - 613nm @ 0° AOI
 T(abs): =50% FOR 625±6.25nm @ 0° AOI
 S2: SINGLE LAYER MgF2

4. FINE GRIND SURFACE

5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS
 APPLY ACROSS CLEAR APERTURE
6. TRANSMITTED WAVEFRONT DISTORTION, RMS: $\leq \lambda/4$ @ 633nm
7. ROHS COMPLIANT

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



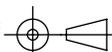
LONGPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
 DIMENSIONS ARE FOR REFERENCE ONLY

REV A	S1	S2
SHAPE	PLANO	PLANO
SURFACE QUALITY	40-20	40-20
CLEAR APERTURE	>80%	>80%
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

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THIRD ANGLE PROJECTION



TITLE

Ø12.5mm, 625nm, HIGH PERFORMANCE
 LONGPASS FILTER

ALL DIMS IN

mm

DWG NO

84740

SHEET
 1 OF 1

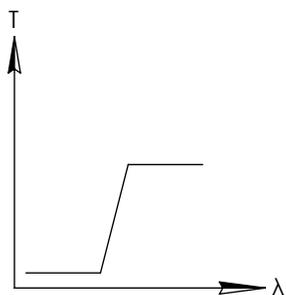
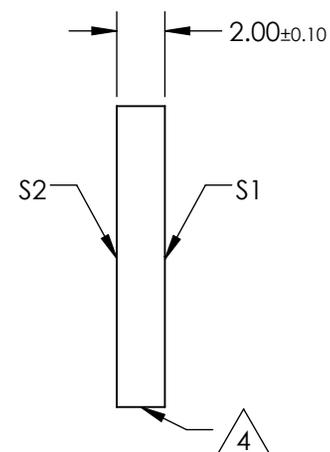
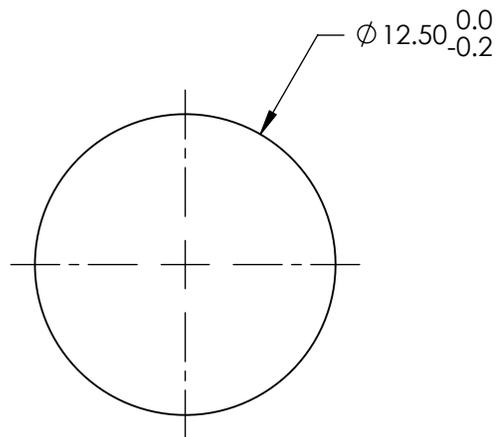
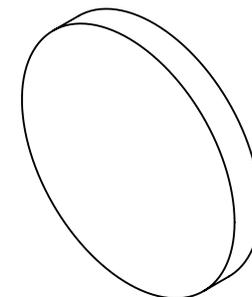
NOTES:

1. SUBSTRATE
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN 5 arcsec
3. COATING (APPLY ACROSS COATING APERTURE)
 S1: HARD DIELECTRIC SPUTTERED
 T(avg): $\geq 91\%$ FROM 685 - 1650nm @ 0° AOI
 T(avg): $\leq 0.01\%$ FROM 200 - 662nm @ 0° AOI
 T(abs): =50% FOR 675±6.75nm @ 0° AOI
 S2: SINGLE LAYER MgF2

4. FINE GRIND SURFACE

5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS
 APPLY ACROSS CLEAR APERTURE
6. TRANSMITTED WAVEFRONT DISTORTION, RMS: $\leq \lambda/4$ @ 633nm
7. ROHS COMPLIANT

FOR INFORMATION ONLY:
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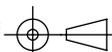
LONGPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
 DIMENSIONS ARE FOR REFERENCE ONLY

REV A	S1	S2
SHAPE	PLANO	PLANO
SURFACE QUALITY	40-20	40-20
CLEAR APERTURE	>80%	>80%
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

EO® Edmund Optics®

THIRD ANGLE PROJECTION



TITLE

$\varnothing 12.5\text{mm}$, 675nm, HIGH PERFORMANCE
LONGPASS FILTER

ALL DIMS IN

mm

DWG NO

84741

SHEET
1 OF 1