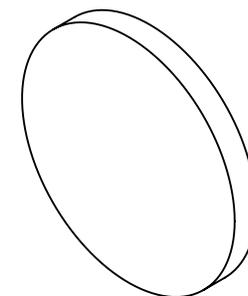


NOTES:

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

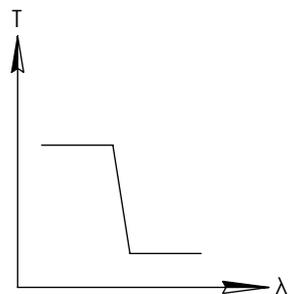


1. SUBSTRATE
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN ± 3 arcsec
3. COATING (APPLY ACROSS COATING APERTURE)
DURABILITY:
PERFORMANCE SPECIFICATIONS:
T(avg): >85% @ AOI 0° FROM 250 - 410nm
T(avg): <1% @ AOI 0° FROM 445 - 510nm
T(avg): =50% FOR AOI 0° @ 425±2nm

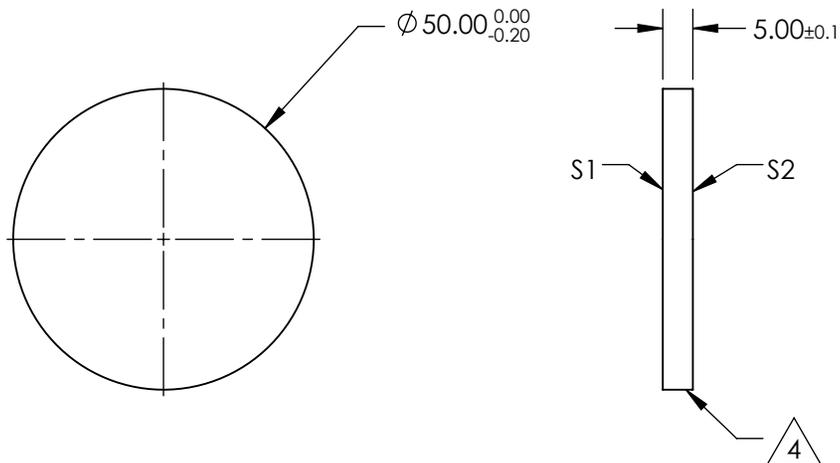
S2: SINGLE LAYER MgF2

4. FINE GRIND SURFACE

5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
6. TRANSMITTED WAVEFRONT DISTORTION P-V @ 632.8nm 1/10 λ
7. ROHS COMPLIANT



SHORTPASS 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

EO® Edmund Optics®

TITLE

OD2, Ø50mm, 425nm, SHORTPASS FILTER

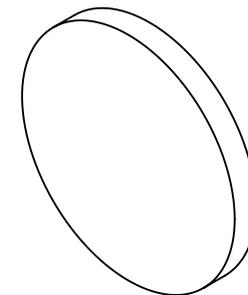
DWG NO

64608

SHEET
1 OF 1

NOTES:

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

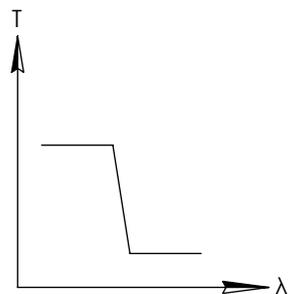


1. SUBSTRATE
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN ± 3 arcsec
3. COATING (APPLY ACROSS COATING APERTURE)
DURABILITY:
PERFORMANCE SPECIFICATIONS:
T(avg): $>85\%$ @ AOI 0° FROM 250 - 455nm
T(avg): $<1\%$ @ AOI 0° FROM 495 - 570nm
T(avg): $=50\%$ FOR AOI 0° @ 475 ± 2 nm

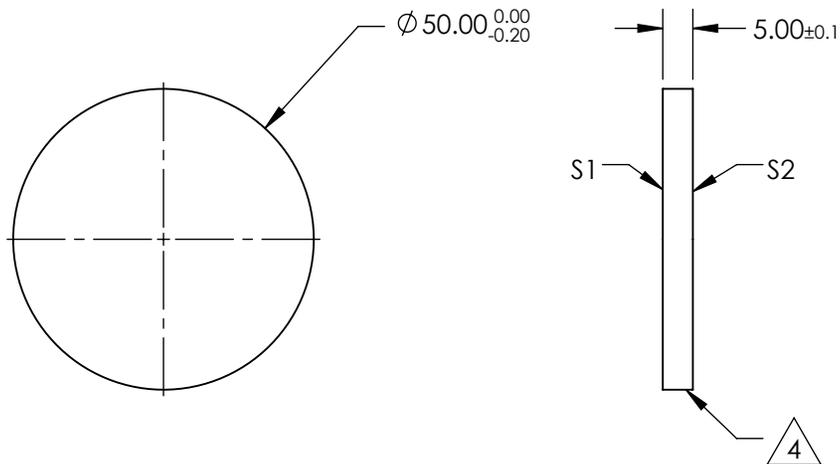
S2: SINGLE LAYER MgF2

4. FINE GRIND SURFACE

5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
6. TRANSMITTED WAVEFRONT DISTORTION P-V @ 632.8nm $1/10 \lambda$
7. ROHS COMPLIANT



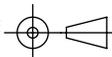
SHORTPASS FILTER



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

EO® Edmund Optics®

TITLE

OD2, Ø50mm, 475nm, SHORTPASS FILTER

DWG NO

64609

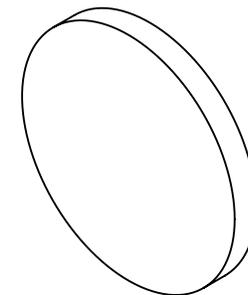
SHEET
1 OF 1

NOTES:

1. SUBSTRATE
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN ± 3 arcsec
3. COATING (APPLY ACROSS COATING APERTURE)
 DURABILITY:
 PERFORMANCE SPECIFICATIONS:
 $T(\text{avg})$: $>85\%$ @ AOI 0° FROM 250 - 505nm
 $T(\text{avg})$: $<1\%$ @ AOI 0° FROM 545 - 635nm
 $T(\text{avg})$: $=50\%$ FOR AOI 0° @ 525 ± 2 nm

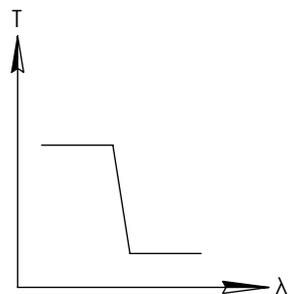
 S2: SINGLE LAYER MgF2

FOR INFORMATION ONLY:
DO NOT MANUFACTURE
PARTS TO THIS DRAWING

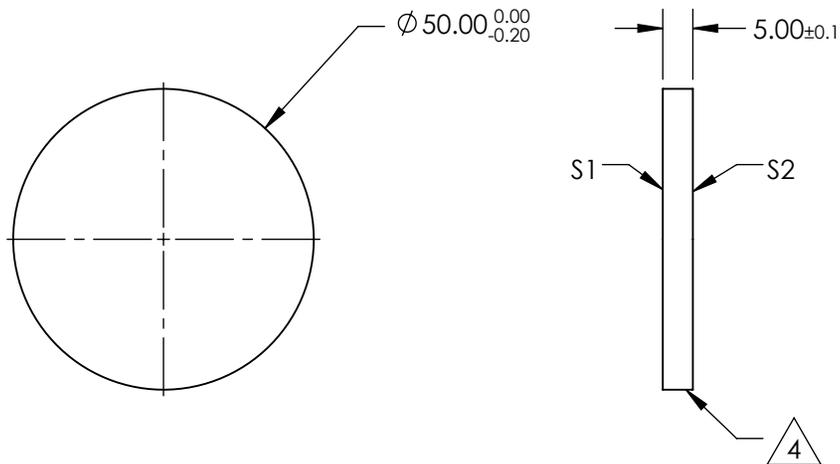


4. FINE GRIND SURFACE

5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
6. TRANSMITTED WAVEFRONT DISTORTION P-V @ 632.8nm $1/10 \lambda$
7. ROHS COMPLIANT



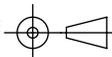
SHORTPASS FILTER



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

EO® Edmund Optics®

TITLE

OD2, Ø50mm, 525nm, SHORTPASS FILTER

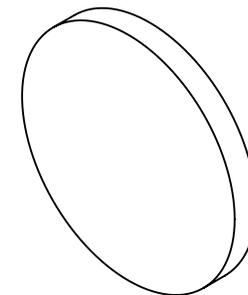
DWG NO

64610

SHEET
1 OF 1

NOTES:

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

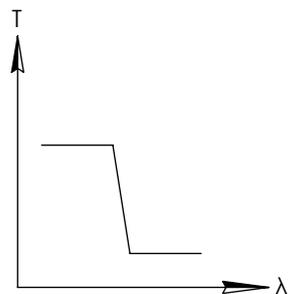


1. SUBSTRATE
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN ± 3 arcsec
3. COATING (APPLY ACROSS COATING APERTURE)
DURABILITY:
PERFORMANCE SPECIFICATIONS:
T(avg): $>85\%$ @ AOI 0° FROM 400 - 555nm
T(avg): $<1\%$ @ AOI 0° FROM 600 - 750nm
T(avg): $=50\%$ FOR AOI 0° @ 575 ± 2 nm

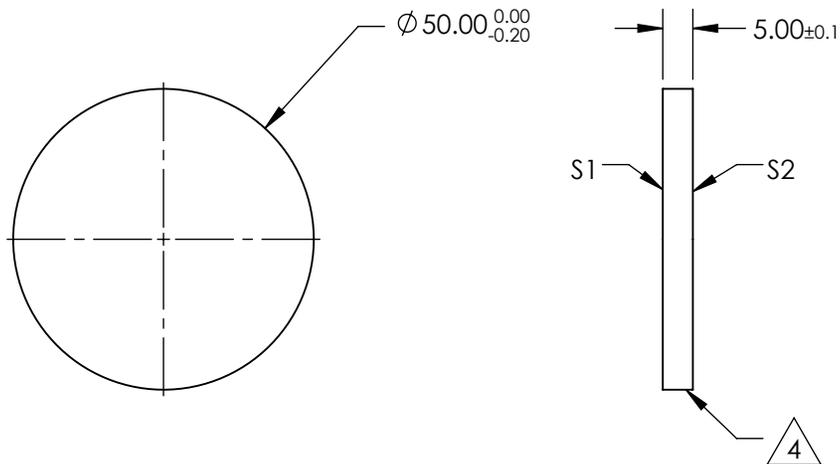
S2: SINGLE LAYER MgF2

4. FINE GRIND SURFACE

5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
6. TRANSMITTED WAVEFRONT DISTORTION P-V @ 632.8nm $1/10 \lambda$
7. ROHS COMPLIANT



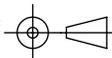
SHORTPASS FILTER



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

EO® Edmund Optics®

TITLE

OD2, Ø50mm, 575nm, SHORTPASS FILTER

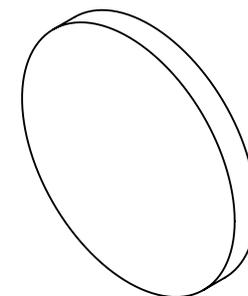
DWG NO

64611

SHEET
1 OF 1

NOTES:

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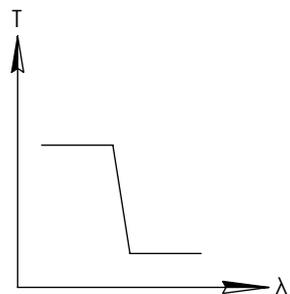
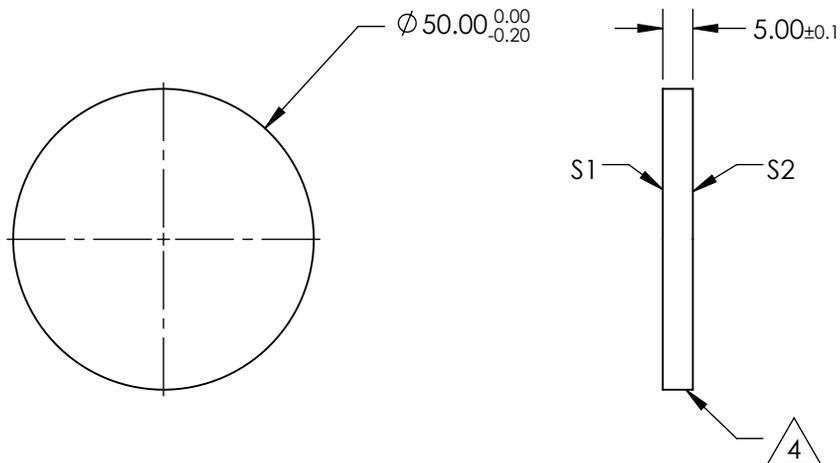


1. SUBSTRATE
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN ± 3 arcsec
3. COATING (APPLY ACROSS COATING APERTURE)
DURABILITY:
PERFORMANCE SPECIFICATIONS:
T(avg): >85% @ AOI 0° FROM 400 - 605nm
T(avg): <1% @ AOI 0° FROM 650 - 820nm
T(avg): =50% FOR AOI 0° @ 625±2nm

S2: SINGLE LAYER MgF2

4. FINE GRIND SURFACE

5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
6. TRANSMITTED WAVEFRONT DISTORTION P-V @ 632.8nm 1/10 λ
7. ROHS COMPLIANT



SHORTPASS 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

EO® Edmund Optics®

TITLE

OD2, Ø50mm, 625nm, SHORTPASS FILTER

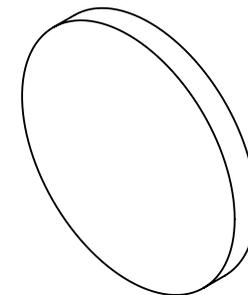
DWG NO

64612

SHEET
1 OF 1

NOTES:

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PARTS TO THIS DRAWING**

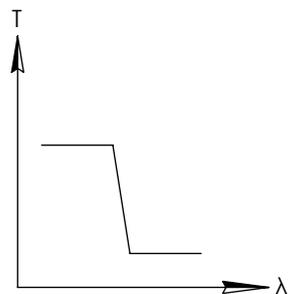
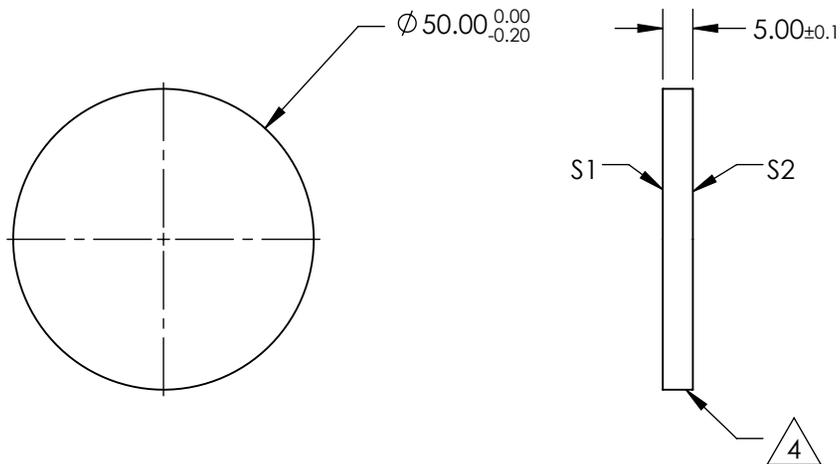


1. SUBSTRATE
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN ± 3 arcsec
3. COATING (APPLY ACROSS COATING APERTURE)
DURABILITY:
PERFORMANCE SPECIFICATIONS:
T(avg): $>85\%$ @ AOI 0° FROM 400 - 655nm
T(avg): $<1\%$ @ AOI 0° FROM 700 - 875nm
T(avg): $=50\%$ FOR AOI 0° @ 675 ± 2 nm

S2: SINGLE LAYER MgF2

4. FINE GRIND SURFACE

5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
6. TRANSMITTED WAVEFRONT DISTORTION P-V @ 632.8nm $1/10 \lambda$
7. ROHS COMPLIANT

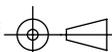


SHORTPASS FILTER

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

EO® Edmund Optics®

TITLE

OD2, Ø50mm, 675nm, SHORTPASS FILTER

DWG NO

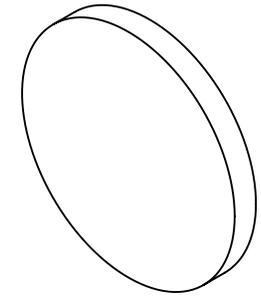
64613

SHEET
1 OF 1

NOTES:

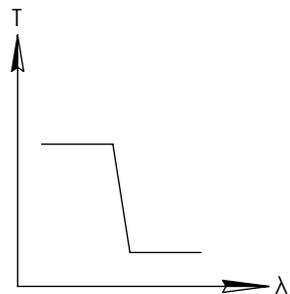
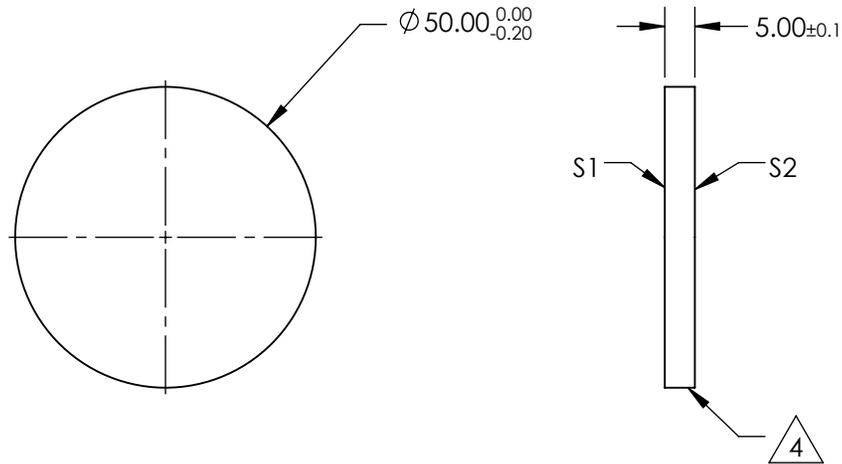
1. SUBSTRATE
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN ± 3 arcsec
3. COATING (APPLY ACROSS COATING APERTURE)
 DURABILITY:
 PERFORMANCE SPECIFICATIONS:
 T(avg): >85% @ AOI 0° FROM 250 - 385nm
 T(avg): <1% @ AOI 0° FROM 420 - 485nm
 T(avg): =50% FOR AOI 0° @ 400±2nm
 S2: SINGLE LAYER MgF2

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DO NOT MANUFACTURE
PARTS TO THIS DRAWING**



4. FINE GRIND SURFACE

5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
6. TRANSMITTED WAVEFRONT DISTORTION P-V @ 632.8nm 1/10 λ
7. ROHS COMPLIANT

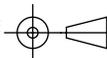


SHORTPASS FILTER

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

EO® Edmund Optics®

TITLE

OD2, Ø50mm, 400nm, SHORTPASS FILTER

DWG NO

64661

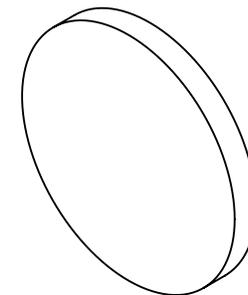
SHEET
1 OF 1

NOTES:

1. SUBSTRATE
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN ± 3 arcsec
3. COATING (APPLY ACROSS COATING APERTURE)
 DURABILITY:
 PERFORMANCE SPECIFICATIONS:
 T(avg): >85% @ AOI 0° FROM 250 - 430nm
 T(avg): <1% @ AOI 0° FROM 470 - 545nm
 T(avg): =50% FOR AOI 0° @ 450±2nm

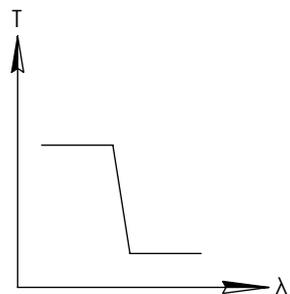
 S2: SINGLE LAYER MgF2

FOR INFORMATION ONLY:
DO NOT MANUFACTURE
PARTS TO THIS DRAWING

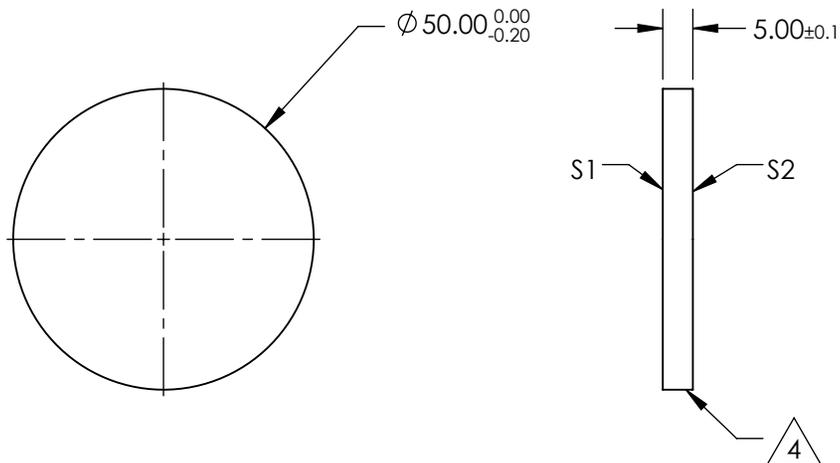


4. FINE GRIND SURFACE

5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
6. TRANSMITTED WAVEFRONT DISTORTION P-V @ 632.8nm 1/10 λ
7. ROHS COMPLIANT



SHORTPASS 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

EO® Edmund Optics®

TITLE

OD2, Ø50mm, 450nm, SHORTPASS FILTER

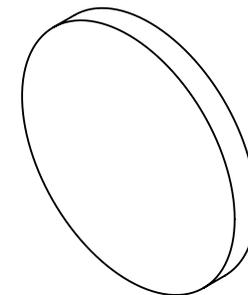
DWG NO

64662

SHEET
1 OF 1

NOTES:

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

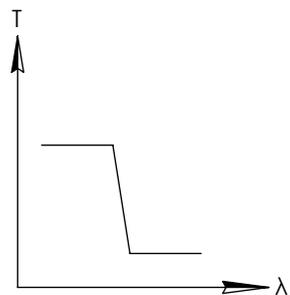


1. SUBSTRATE
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN ± 3 arcsec
3. COATING (APPLY ACROSS COATING APERTURE)
DURABILITY:
PERFORMANCE SPECIFICATIONS:
T(avg): $>85\%$ @ AOI 0° FROM 250 - 480nm
T(avg): $<1\%$ @ AOI 0° FROM 520 - 610nm
T(avg): $=50\%$ FOR AOI 0° @ 500 ± 2 nm

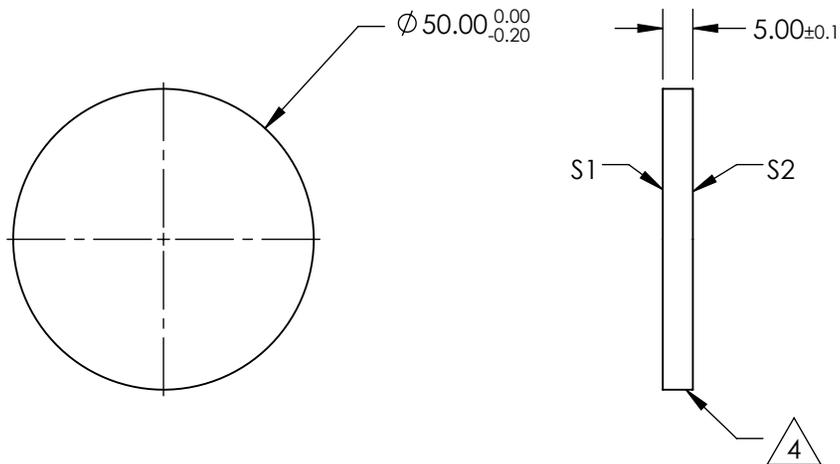
S2: SINGLE LAYER MgF2

4. FINE GRIND SURFACE

5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
6. TRANSMITTED WAVEFRONT DISTORTION P-V @ 632.8nm $1/10 \lambda$
7. ROHS COMPLIANT



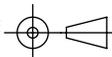
SHORTPASS FILTER



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

EO® Edmund Optics®

TITLE

OD2, Ø50mm, 500nm, SHORTPASS FILTER

DWG NO

64663

SHEET
1 OF 1

NOTES:

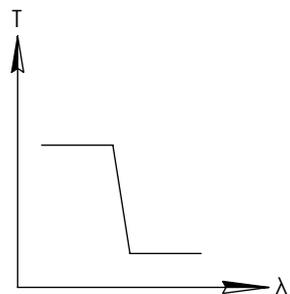
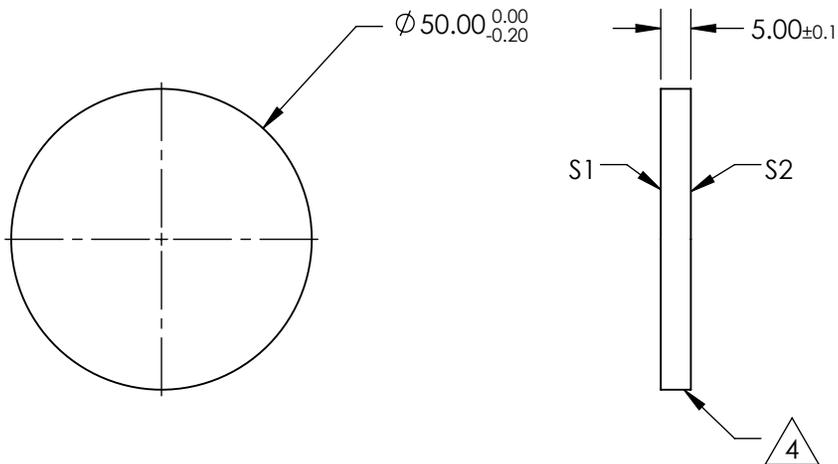
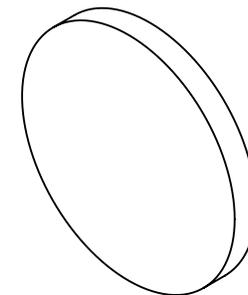
1. SUBSTRATE
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN ± 3 arcsec
3. COATING (APPLY ACROSS COATING APERTURE)
 DURABILITY:
 PERFORMANCE SPECIFICATIONS:
 T(avg): >85% @ AOI 0° FROM 400 - 530nm
 T(avg): <1% @ AOI 0° FROM 575 - 725nm
 T(avg): =50% FOR AOI 0° @ 550±2nm

 S2: SINGLE LAYER MgF2

4. FINE GRIND SURFACE

5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
6. TRANSMITTED WAVEFRONT DISTORTION P-V @ 632.8nm 1/10 λ
7. ROHS COMPLIANT

FOR INFORMATION ONLY:
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PARTS TO THIS DRAWING

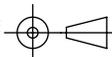


SHORTPASS FILTER

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

EO® Edmund Optics®

TITLE

OD2, Ø50mm, 550nm, SHORTPASS FILTER

DWG NO

64664

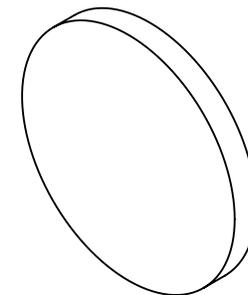
SHEET
1 OF 1

NOTES:

1. SUBSTRATE
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN ± 3 arcsec
3. COATING (APPLY ACROSS COATING APERTURE)
 DURABILITY:
 PERFORMANCE SPECIFICATIONS:
 T(avg): $>85\%$ @ AOI 0° FROM 400 - 580nm
 T(avg): $<1\%$ @ AOI 0° FROM 625 - 795nm
 T(avg): $=50\%$ FOR AOI 0° @ 600 ± 2 nm

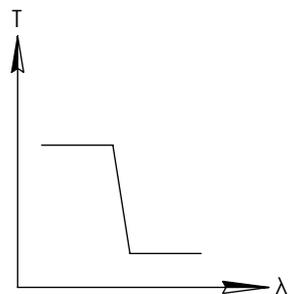
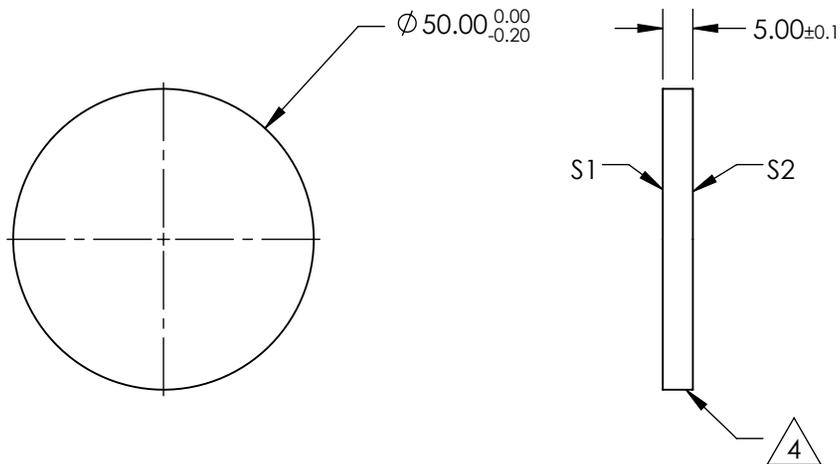
 S2: SINGLE LAYER MgF2

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



4. FINE GRIND SURFACE

5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
6. TRANSMITTED WAVEFRONT DISTORTION P-V @ $632.8\text{nm } 1/10 \lambda$
7. ROHS COMPLIANT

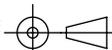


SHORTPASS FILTER

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

EO® Edmund Optics®

TITLE

OD2, Ø50mm, 600nm, SHORTPASS FILTER

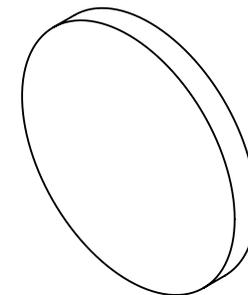
DWG NO

64665

SHEET
1 OF 1

NOTES:

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PARTS TO THIS DRAWING**

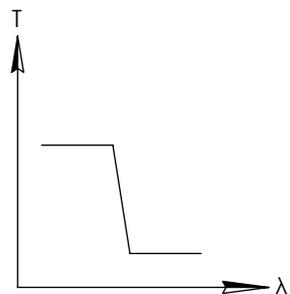
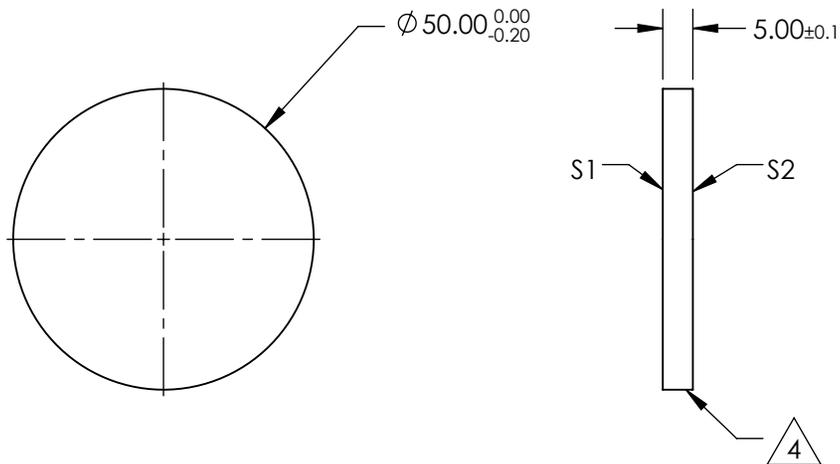


1. SUBSTRATE
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN ± 3 arcsec
3. COATING (APPLY ACROSS COATING APERTURE)
DURABILITY:
PERFORMANCE SPECIFICATIONS:
T(avg): $>85\%$ @ AOI 0° FROM 400 - 630nm
T(avg): $<1\%$ @ AOI 0° FROM 675 - 850nm
T(avg): $=50\%$ FOR AOI 0° @ 650 ± 2 nm

S2: SINGLE LAYER MgF2

4. FINE GRIND SURFACE

5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
6. TRANSMITTED WAVEFRONT DISTORTION P-V @ $632.8\text{nm } 1/10 \lambda$
7. ROHS COMPLIANT

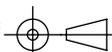


SHORTPASS FILTER

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

EO® Edmund Optics®

TITLE

OD2, Ø50mm, 650nm, SHORTPASS FILTER

DWG NO

64666

SHEET
1 OF 1

NOTES:

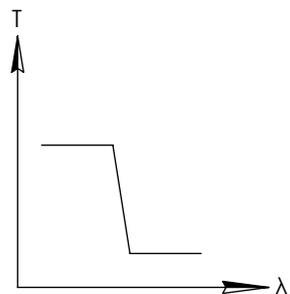
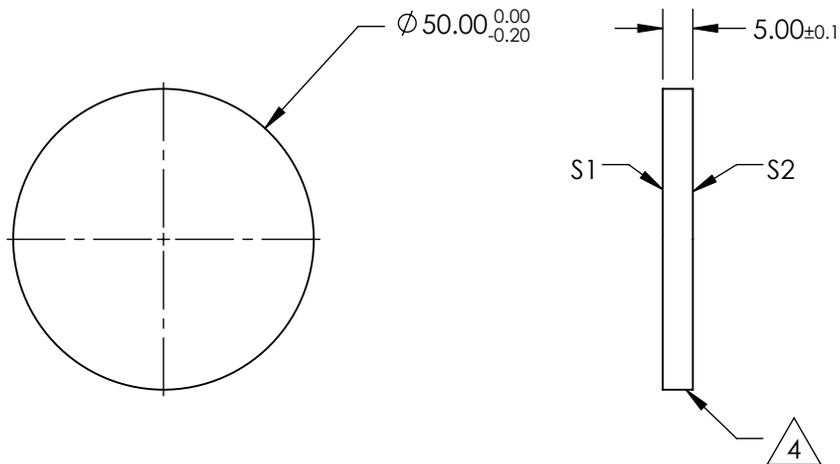
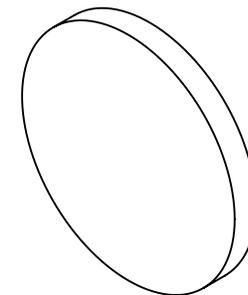
1. SUBSTRATE
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN ± 3 arcsec
3. COATING (APPLY ACROSS COATING APERTURE)
 DURABILITY:
 PERFORMANCE SPECIFICATIONS:
 T(avg): >85% @ AOI 0° FROM 400 - 680nm
 T(avg): <1% @ AOI 0° FROM 725 - 900nm
 T(avg): =50% FOR AOI 0° @ 700±2nm

 S2: SINGLE LAYER MgF2

4. FINE GRIND SURFACE

5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
6. TRANSMITTED WAVEFRONT DISTORTION P-V @ 632.8nm 1/10 λ
7. ROHS COMPLIANT

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



SHORTPASS 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

EO® Edmund Optics®

TITLE

OD2, Ø50mm, 700nm, SHORTPASS FILTER

DWG NO

64667

SHEET
1 OF 1