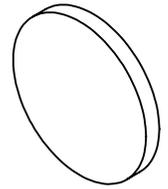


NOTES:

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



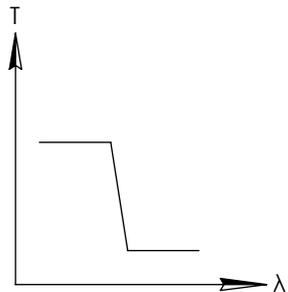
1. SUBSTRATE: UV GRADE FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN <30 arcsec
3. COATING (APPLY ACROSS COATING APERTURE)

DURABILITY: MIL-C-48497A, SECT. 3.4.1

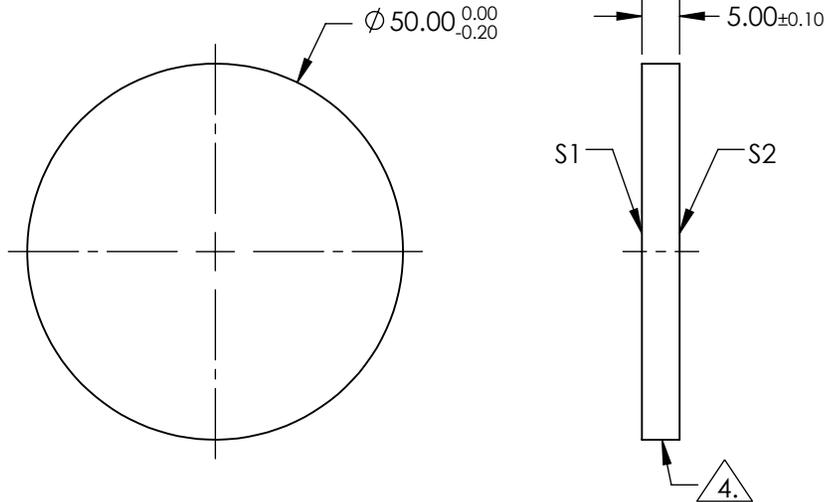
PERFORMANCE SPECIFICATIONS: @ 0° AOI
 T(avg): ≥91% FROM 300 - 392nm
 T(avg): ≤ 0.01% FROM 410 - 610nm
 CUT-OFF SLOPE: <1%
 CUT-OFF WAVELENGTH: 400nm ± 1%

4. FINE GRIND SURFACE

5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
6. TRANSMITTED WAVEFRONT DISTORTION RMS@ 632.8nm ≤ ¼ λ
7. ROHS COMPLIANT



SHORTPASS FILTER

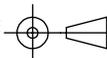


SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
 DIMENSIONS ARE FOR REFERENCE ONLY



	S1	S2
SHAPE	PLANO	PLANO
SURFACE QUALITY	60-40	60-40
CLEAR APERTURE	>80%	>80%
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

THIRD ANGLE PROJECTION



ALL DIMS IN

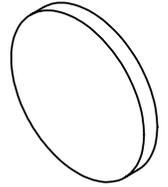
mm

TITLE	400nm 50mm Diameter, OD 4 Shortpass Filter
DWG NO	84715
SHEET 1 OF 1	

NOTES:

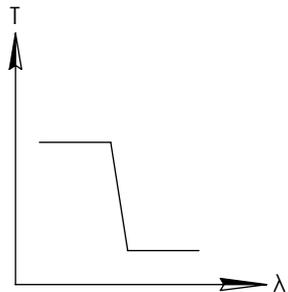
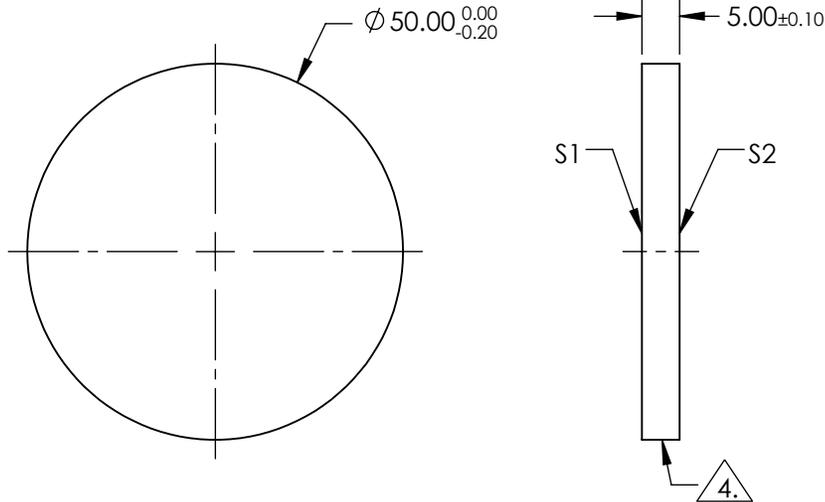
1. SUBSTRATE: UV GRADE FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN <30 arcsec
3. COATING (APPLY ACROSS COATING APERTURE)
 DURABILITY: MIL-C-48497A, SECT. 3.4.1
 PERFORMANCE SPECIFICATIONS: @ 0° AOI
 T(avg): ≥91% FROM 300 - 417nm
 T(avg): ≤ 0.01% FROM 435 - 635nm
 CUT-OFF SLOPE: <1%
 CUT-OFF WAVELENGTH: 425nm ± 1%

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 RMS@ 632.8nm ≤ ¼ λ
7. ROHS COMPLIANT



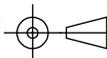
SHORTPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

EO® Edmund Optics®

	S1	S2
SHAPE	PLANO	PLANO
SURFACE QUALITY	60-40	60-40
CLEAR APERTURE	>80%	>80%
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

THIRD ANGLE PROJECTION



ALL DIMS IN

mm

TITLE

425nm 50mm Diameter, OD 4 Shortpass Filter

DWG NO

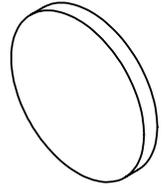
84716

SHEET
1 OF 1

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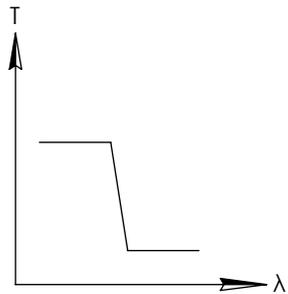
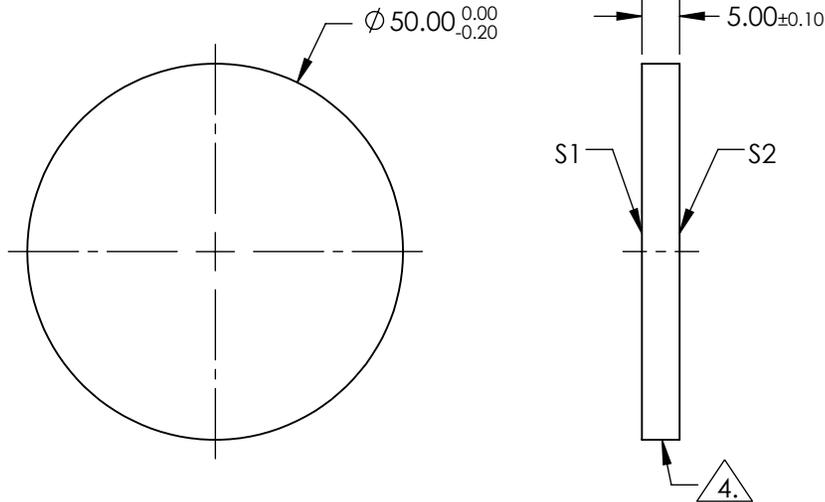
1. SUBSTRATE: UV GRADE FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN <30 arcsec
3. COATING (APPLY ACROSS COATING APERTURE)
 DURABILITY: MIL-C-48497A, SECT. 3.4.1
 PERFORMANCE SPECIFICATIONS: @ 0° AOI
 T(avg): ≥91% FROM 300 - 441nm
 T(avg): ≤ 0.01% FROM 460 - 660nm
 CUT-OFF SLOPE: <1%
 CUT-OFF WAVELENGTH: 450nm ± 1%

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 RMS@ 632.8nm ≤ ¼ λ
7. ROHS COMPLIANT



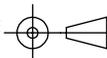
SHORTPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

EO® Edmund Optics®

	S1	S2
SHAPE	PLANO	PLANO
SURFACE QUALITY	60-40	60-40
CLEAR APERTURE	>80%	>80%
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

THIRD ANGLE PROJECTION



ALL DIMS IN

mm

TITLE

450nm 50mm Diameter, OD 4 Shortpass Filter

DWG NO

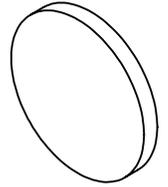
84717

SHEET
1 OF 1

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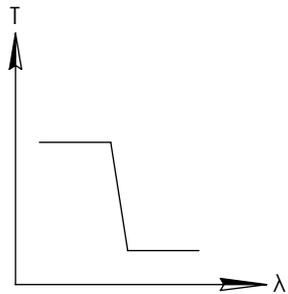
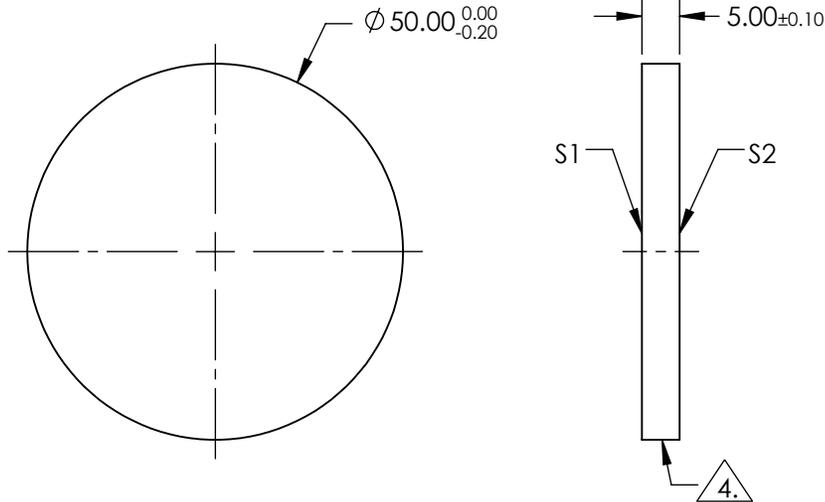
1. SUBSTRATE: UV GRADE FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN <30 arcsec
3. COATING (APPLY ACROSS COATING APERTURE)
 DURABILITY: MIL-C-48497A, SECT. 3.4.1
 PERFORMANCE SPECIFICATIONS: @ 0° AOI
 T(avg): ≥91% FROM 300 - 466nm
 T(avg): ≤ 0.01% FROM 485 - 685nm
 CUT-OFF SLOPE: <1%
 CUT-OFF WAVELENGTH: 475nm ± 1%

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 RMS@ 632.8nm ≤ ¼ λ
7. ROHS COMPLIANT



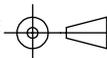
SHORTPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

EO® Edmund Optics®

	S1	S2
SHAPE	PLANO	PLANO
SURFACE QUALITY	60-40	60-40
CLEAR APERTURE	>80%	>80%
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

THIRD ANGLE PROJECTION



ALL DIMS IN

mm

TITLE

475nm 50mm Diameter, OD 4 Shortpass Filter

DWG NO

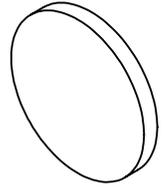
84718

SHEET
1 OF 1

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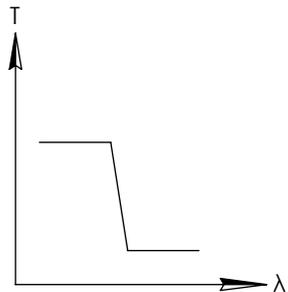
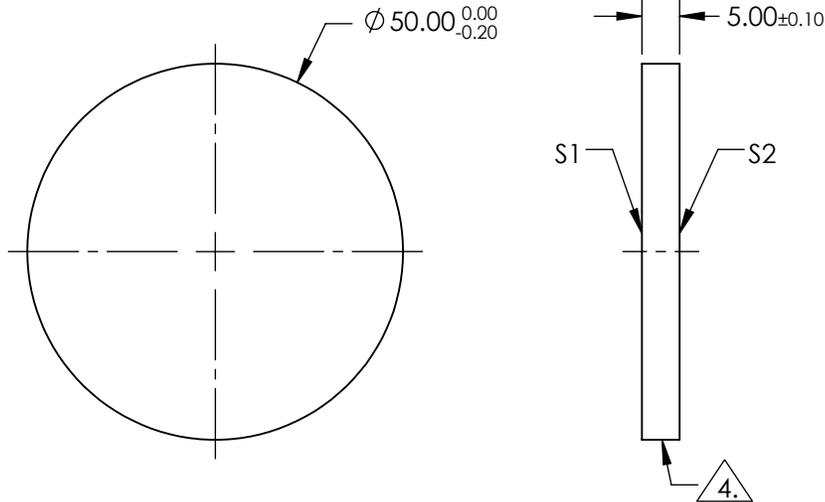
1. SUBSTRATE: UV GRADE FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN <30 arcsec
3. COATING (APPLY ACROSS COATING APERTURE)
 DURABILITY: MIL-C-48497A, SECT. 3.4.1
 PERFORMANCE SPECIFICATIONS: @ 0° AOI
 T(avg): ≥91% FROM 300 - 490nm
 T(avg): ≤ 0.01% FROM 512 - 715nm
 CUT-OFF SLOPE: <1%
 CUT-OFF WAVELENGTH: 500nm ± 1%

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 RMS@ 632.8nm ≤ ¼ λ
7. ROHS COMPLIANT



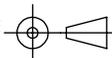
SHORTPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

EO® **Edmund Optics**®

	S1	S2
SHAPE	PLANO	PLANO
SURFACE QUALITY	60-40	60-40
CLEAR APERTURE	>80%	>80%
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

THIRD ANGLE PROJECTION



TITLE	500nm 50mm Diameter, OD 4 Shortpass Filter		
DWG NO	84719	SHEET	1 OF 1

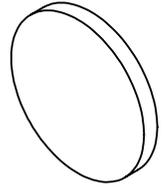
ALL DIMS IN

mm

NOTES:

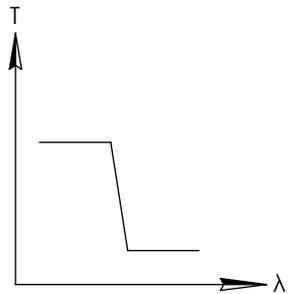
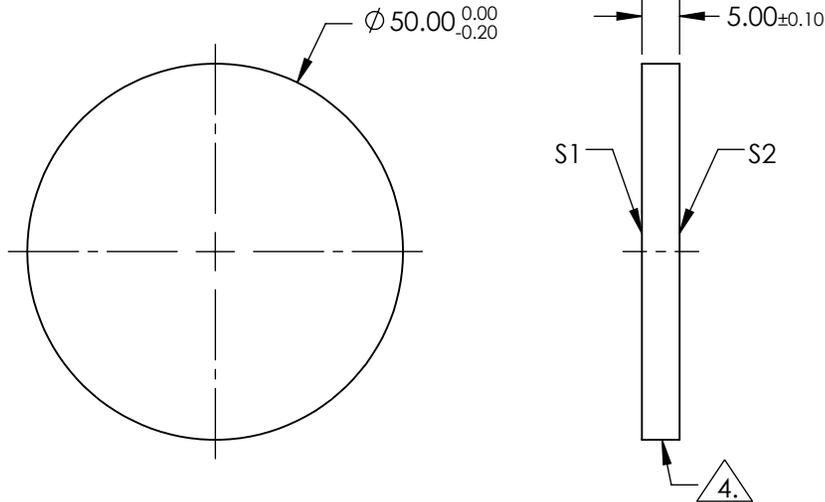
1. SUBSTRATE: UV GRADE FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN <30 arcsec
3. COATING (APPLY ACROSS COATING APERTURE)
 DURABILITY: MIL-C-48497A, SECT. 3.4.1
 PERFORMANCE SPECIFICATIONS: @ 0° AOI
 T(avg): ≥91% FROM 300 - 515nm
 T(avg): ≤ 0.01% FROM 537 - 740nm
 CUT-OFF SLOPE: <1%
 CUT-OFF WAVELENGTH: 525nm ± 1%

FOR INFORMATION ONLY:
DO NOT MANUFACTURE
PARTS TO THIS DRAWING



 FINE GRIND SURFACE

5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
6. TRANSMITTED WAVEFRONT DISTORTION RMS@ 632.8nm ≤ ¼ λ
7. ROHS COMPLIANT



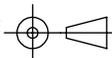
SHORTPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

 **Edmund Optics®**

	S1	S2
SHAPE	PLANO	PLANO
SURFACE QUALITY	60-40	60-40
CLEAR APERTURE	>80%	>80%
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

THIRD ANGLE PROJECTION



ALL DIMS IN

mm

TITLE

525nm 50mm Diameter, OD 4 Shortpass Filter

DWG NO

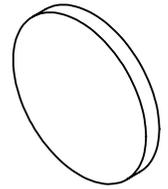
84720

SHEET
1 OF 1

NOTES:

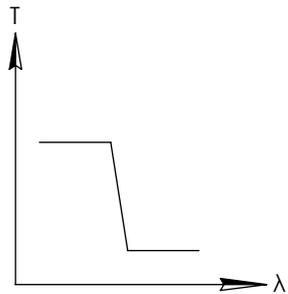
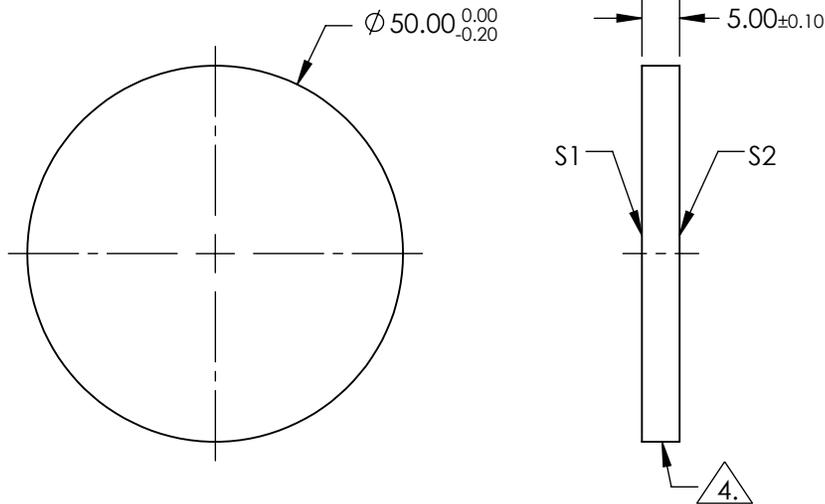
1. SUBSTRATE: UV GRADE FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN <30 arcsec
3. COATING (APPLY ACROSS COATING APERTURE)
 DURABILITY: MIL-C-48497A, SECT. 3.4.1
 PERFORMANCE SPECIFICATIONS: @ 0° AOI
 T(avg): ≥91% FROM 350 - 539nm
 T(avg): ≤ 0.01% FROM 562 - 825nm
 CUT-OFF SLOPE: <1%
 CUT-OFF WAVELENGTH: 550nm ± 1%

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 RMS@ 632.8nm ≤ ¼ λ
7. ROHS COMPLIANT



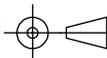
SHORTPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

EO® Edmund Optics®

	S1	S2
SHAPE	PLANO	PLANO
SURFACE QUALITY	60-40	60-40
CLEAR APERTURE	>80%	>80%
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

THIRD ANGLE PROJECTION



ALL DIMS IN

mm

TITLE

550nm 50mm Diameter, OD 4 Shortpass Filter

DWG NO

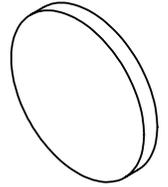
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SHEET
1 OF 1

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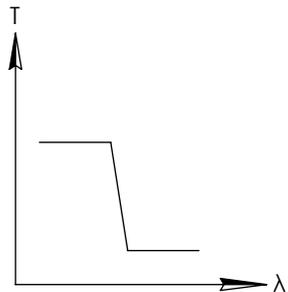
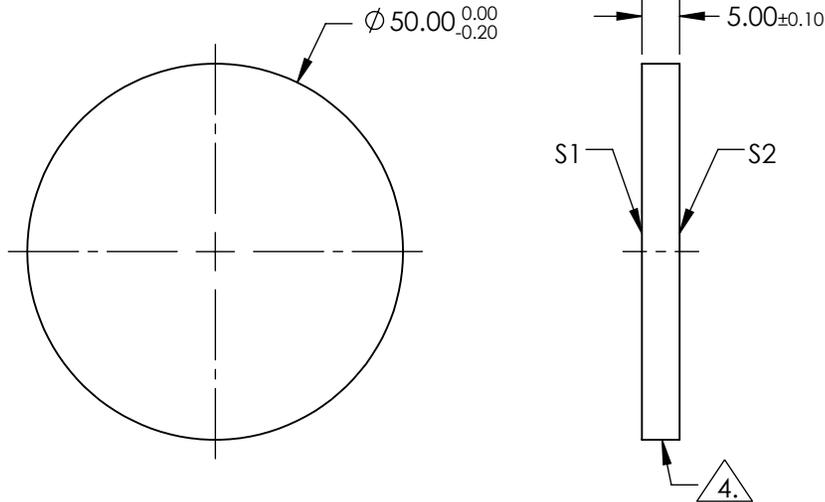
1. SUBSTRATE: UV GRADE FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN <30 arcsec
3. COATING (APPLY ACROSS COATING APERTURE)
 DURABILITY: MIL-C-48497A, SECT. 3.4.1
 PERFORMANCE SPECIFICATIONS: @ 0° AOI
 T(avg): ≥91% FROM 350 - 564nm
 T(avg): ≤ 0.01% FROM 587 - 850nm
 CUT-OFF SLOPE: <1%
 CUT-OFF WAVELENGTH: 575nm ± 1%

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 RMS@ 632.8nm ≤ ¼ λ
7. ROHS COMPLIANT



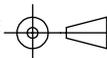
SHORTPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

EO® Edmund Optics®

	S1	S2
SHAPE	PLANO	PLANO
SURFACE QUALITY	60-40	60-40
CLEAR APERTURE	>80%	>80%
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

THIRD ANGLE PROJECTION



ALL DIMS IN

mm

TITLE

575nm 50mm Diameter, OD 4 Shortpass Filter

DWG NO

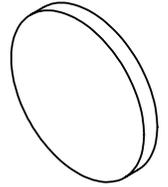
84722

SHEET
1 OF 1

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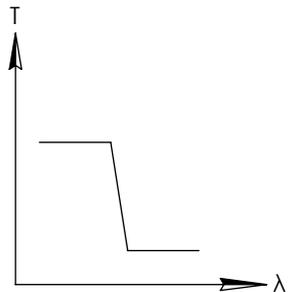
1. SUBSTRATE: UV GRADE FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN <30 arcsec
3. COATING (APPLY ACROSS COATING APERTURE)
 DURABILITY: MIL-C-48497A, SECT. 3.4.1
 PERFORMANCE SPECIFICATIONS: @ 0° AOI
 T(avg): ≥91% FROM 350 - 587nm
 T(avg): ≤ 0.01% FROM 614 - 900nm
 CUT-OFF SLOPE: <1%
 CUT-OFF WAVELENGTH: 600nm ± 1%

FOR INFORMATION ONLY:
DO NOT MANUFACTURE
PARTS TO THIS DRAWING

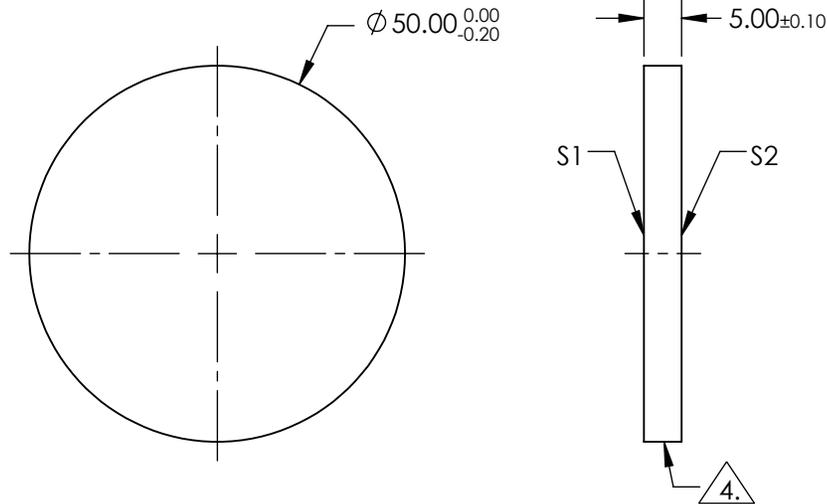


4. FINE GRIND SURFACE

5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
6. TRANSMITTED WAVEFRONT DISTORTION RMS@ 632.8nm ≤ ¼ λ
7. ROHS COMPLIANT



SHORTPASS FILTER

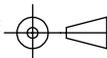


SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

EO® Edmund Optics®

	S1	S2
SHAPE	PLANO	PLANO
SURFACE QUALITY	60-40	60-40
CLEAR APERTURE	>80%	>80%
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

THIRD ANGLE PROJECTION



ALL DIMS IN

mm

TITLE

600nm 50mm Diameter, OD 4 Shortpass Filter

DWG NO

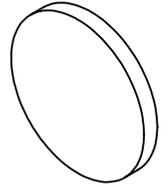
84723

SHEET
1 OF 1

NOTES:

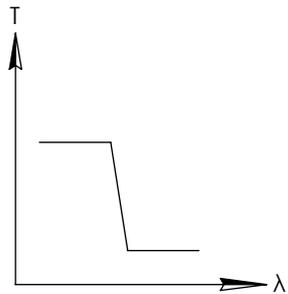
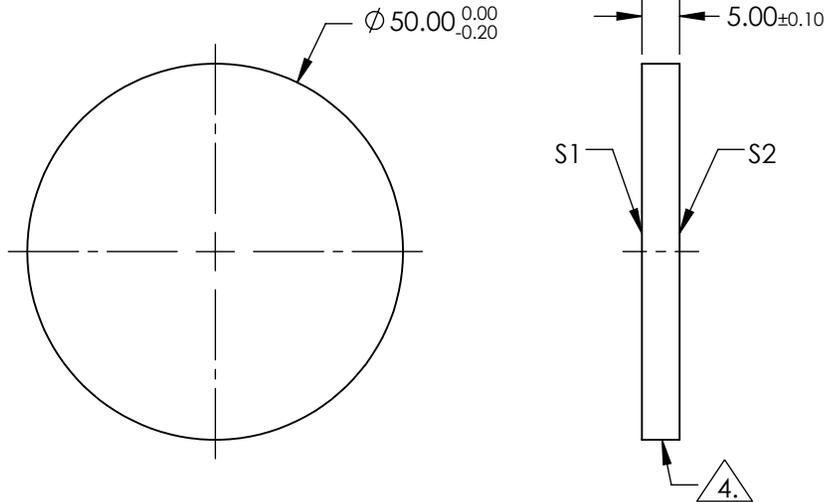
1. SUBSTRATE: UV GRADE FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN <30 arcsec
3. COATING (APPLY ACROSS COATING APERTURE)
 DURABILITY: MIL-C-48497A, SECT. 3.4.1
 PERFORMANCE SPECIFICATIONS: @ 0° AOI
 T(avg): ≥91% FROM 350 - 612nm
 T(avg): ≤ 0.01% FROM 639 - 925nm
 CUT-OFF SLOPE: <1%
 CUT-OFF WAVELENGTH: 625nm ± 1%

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 RMS@ 632.8nm ≤ ¼ λ
7. ROHS COMPLIANT



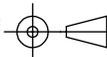
SHORTPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

EO® Edmund Optics®

	S1	S2
SHAPE	PLANO	PLANO
SURFACE QUALITY	60-40	60-40
CLEAR APERTURE	>80%	>80%
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

THIRD ANGLE PROJECTION



ALL DIMS IN

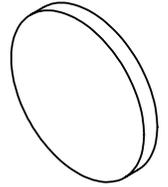
mm

TITLE	625nm 50mm Diameter, OD 4 Shortpass Filter
DWG NO	84724
SHEET	1 OF 1

NOTES:

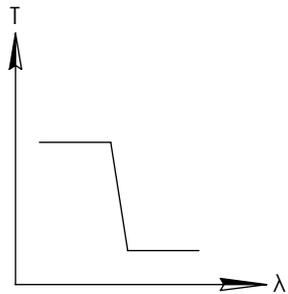
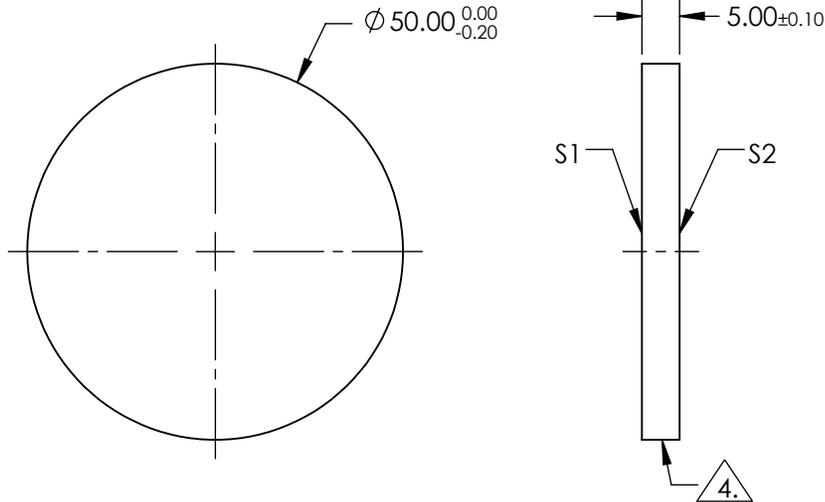
1. SUBSTRATE: UV GRADE FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN <30 arcsec
3. COATING (APPLY ACROSS COATING APERTURE)
 DURABILITY: MIL-C-48497A, SECT. 3.4.1
 PERFORMANCE SPECIFICATIONS: @ 0° AOI
 T(avg): ≥91% FROM 350 - 636nm
 T(avg): ≤ 0.01% FROM 665 - 960nm
 CUT-OFF SLOPE: <1%
 CUT-OFF WAVELENGTH: 650nm ± 1%

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 RMS@ 632.8nm ≤ ¼ λ
7. ROHS COMPLIANT



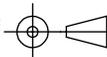
SHORTPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

EO® Edmund Optics®

	S1	S2
SHAPE	PLANO	PLANO
SURFACE QUALITY	60-40	60-40
CLEAR APERTURE	>80%	>80%
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

THIRD ANGLE PROJECTION



ALL DIMS IN

mm

TITLE

650nm 50mm Diameter, OD 4 Shortpass Filter

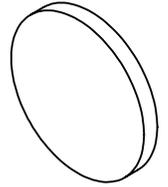
DWG NO

84725

SHEET
1 OF 1

NOTES:

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



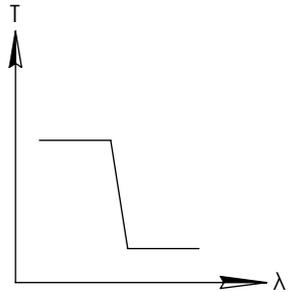
1. SUBSTRATE: UV GRADE FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN <30 arcsec
3. COATING (APPLY ACROSS COATING APERTURE)

DURABILITY: MIL-C-48497A, SECT. 3.4.1

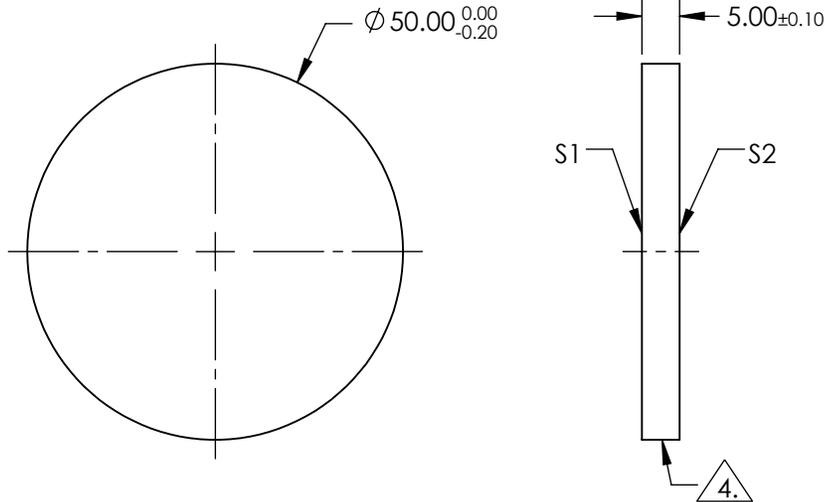
PERFORMANCE SPECIFICATIONS: @ 0° AOI
 T(avg): ≥91% FROM 350 - 661nm
 T(avg): ≤ 0.01% FROM 690 - 1000nm
 CUT-OFF SLOPE: <1%
 CUT-OFF WAVELENGTH: 675nm ± 1%

4. FINE GRIND SURFACE

5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
6. TRANSMITTED WAVEFRONT DISTORTION RMS@ 632.8nm ≤ ¼ λ
7. ROHS COMPLIANT



SHORTPASS FILTER

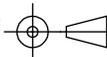


SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
 DIMENSIONS ARE FOR REFERENCE ONLY



	S1	S2
SHAPE	PLANO	PLANO
SURFACE QUALITY	60-40	60-40
CLEAR APERTURE	>80%	>80%
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

THIRD ANGLE PROJECTION



ALL DIMS IN

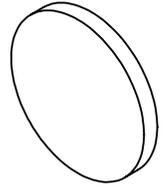
mm

TITLE	675nm 50mm Diameter, OD 4 Shortpass Filter
DWG NO	84726
SHEET	1 OF 1

NOTES:

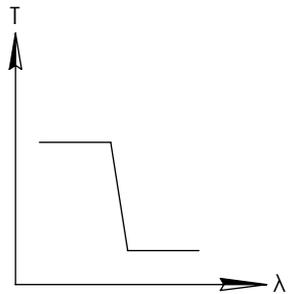
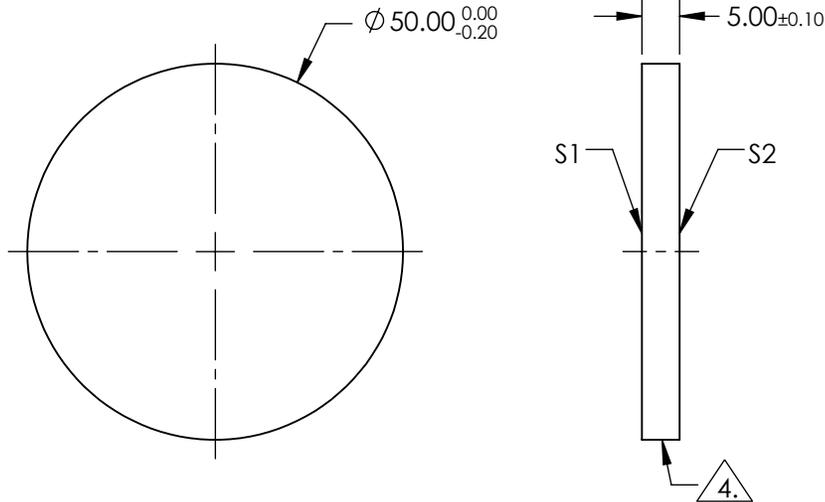
1. SUBSTRATE: UV GRADE FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN <30 arcsec
3. COATING (APPLY ACROSS COATING APERTURE)
 DURABILITY: MIL-C-48497A, SECT. 3.4.1
 PERFORMANCE SPECIFICATIONS: @ 0° AOI
 T(avg): ≥91% FROM 400 - 685nm
 T(avg): ≤ 0.01% FROM 715 - 1050nm
 CUT-OFF SLOPE: <1%
 CUT-OFF WAVELENGTH: 700nm ± 1%

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 RMS@ 632.8nm ≤ ¼ λ
7. ROHS COMPLIANT



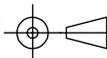
SHORTPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

EO® Edmund Optics®

	S1	S2
SHAPE	PLANO	PLANO
SURFACE QUALITY	60-40	60-40
CLEAR APERTURE	>80%	>80%
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

THIRD ANGLE PROJECTION



ALL DIMS IN

mm

TITLE

700nm 50mm Diameter, OD 4 Shortpass Filter

DWG NO

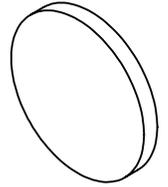
84727

SHEET
1 OF 1

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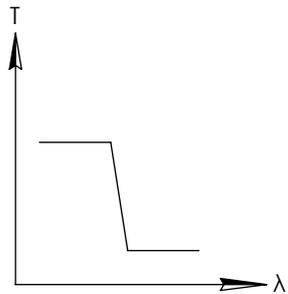
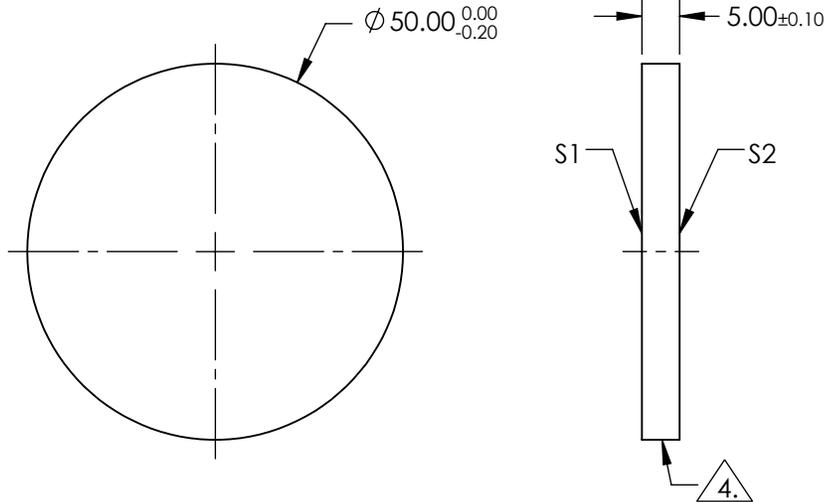
1. SUBSTRATE: UV GRADE FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN <30 arcsec
3. COATING (APPLY ACROSS COATING APERTURE)
 DURABILITY: MIL-C-48497A, SECT. 3.4.1
 PERFORMANCE SPECIFICATIONS: @ 0° AOI
 T(avg): ≥91% FROM 400 - 740nm
 T(avg): ≤ 0.01% FROM 775 - 1125nm
 CUT-OFF SLOPE: <1%
 CUT-OFF WAVELENGTH: 750nm ± 1%

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 RMS@ 632.8nm ≤ ¼ λ
7. ROHS COMPLIANT



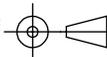
SHORTPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

EO® Edmund Optics®

	S1	S2
SHAPE	PLANO	PLANO
SURFACE QUALITY	60-40	60-40
CLEAR APERTURE	>80%	>80%
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

THIRD ANGLE PROJECTION



ALL DIMS IN

mm

TITLE

750nm 50mm Diameter, OD 4 Shortpass Filter

DWG NO

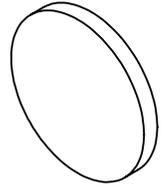
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SHEET
1 OF 1

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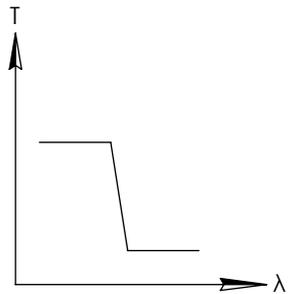
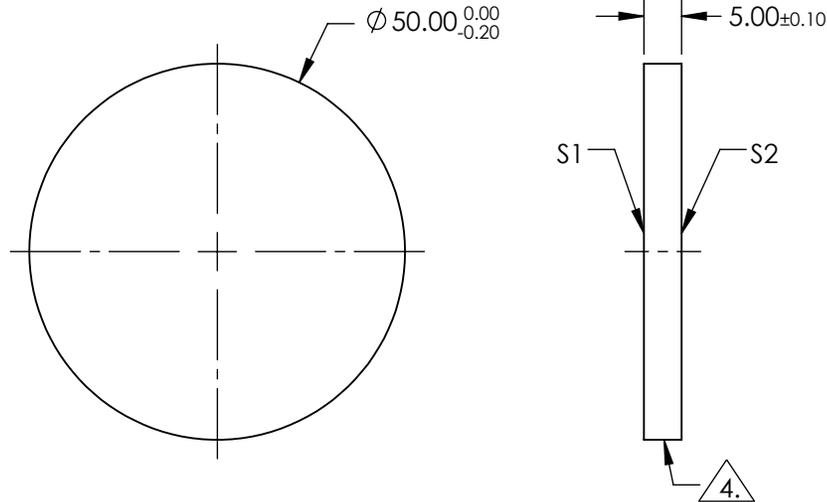
1. SUBSTRATE: UV GRADE FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN <30 arcsec
3. COATING (APPLY ACROSS COATING APERTURE)
 DURABILITY: MIL-C-48497A, SECT. 3.4.1
 PERFORMANCE SPECIFICATIONS: @ 0° AOI
 T(avg): ≥91% FROM 400 - 790nm
 T(avg): ≤ 0.01% FROM 825 - 1190nm
 CUT-OFF SLOPE: <1%
 CUT-OFF WAVELENGTH: 800nm ± 1%

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 RMS@ 632.8nm ≤ ¼ λ
7. ROHS COMPLIANT



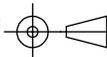
SHORTPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

EO® Edmund Optics®

	S1	S2
SHAPE	PLANO	PLANO
SURFACE QUALITY	60-40	60-40
CLEAR APERTURE	>80%	>80%
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

THIRD ANGLE PROJECTION



ALL DIMS IN

mm

TITLE

800nm 50mm Diameter, OD 4 Shortpass Filter

DWG NO

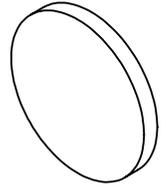
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SHEET
1 OF 1

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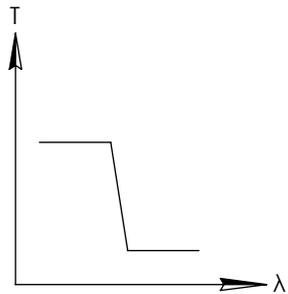
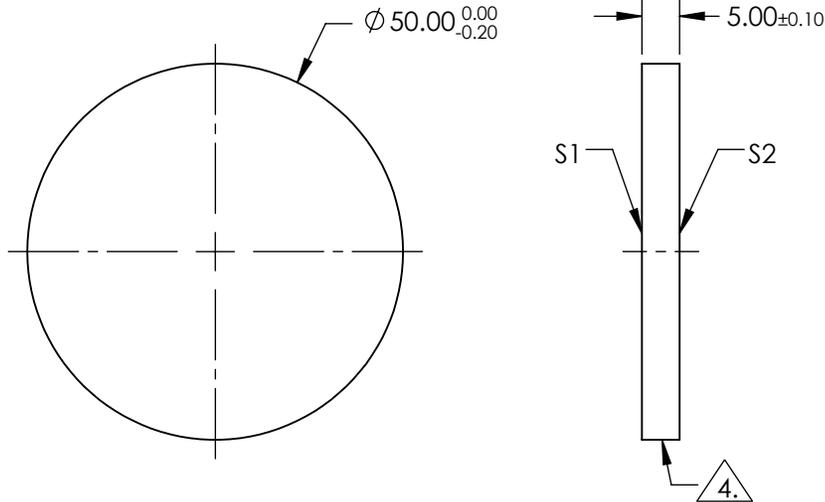
1. SUBSTRATE: UV GRADE FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN <30 arcsec
3. COATING (APPLY ACROSS COATING APERTURE)
 DURABILITY: MIL-C-48497A, SECT. 3.4.1
 PERFORMANCE SPECIFICATIONS: @ 0° AOI
 T(avg): ≥91% FROM 400 - 840nm
 T(avg): ≤ 0.01% FROM 880 - 1190nm
 CUT-OFF SLOPE: <1%
 CUT-OFF WAVELENGTH: 850nm ± 1%

FOR INFORMATION ONLY:
DO NOT MANUFACTURE
PARTS TO THIS DRAWING



 FINE GRIND SURFACE

5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
6. TRANSMITTED WAVEFRONT DISTORTION RMS@ 632.8nm ≤ ¼ λ
7. ROHS COMPLIANT



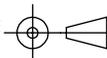
SHORTPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

 **Edmund Optics®**

	S1	S2
SHAPE	PLANO	PLANO
SURFACE QUALITY	60-40	60-40
CLEAR APERTURE	>80%	>80%
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

THIRD ANGLE PROJECTION



ALL DIMS IN

mm

TITLE

850nm 50mm Diameter, OD 4 Shortpass Filter

DWG NO

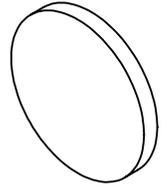
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SHEET
1 OF 1

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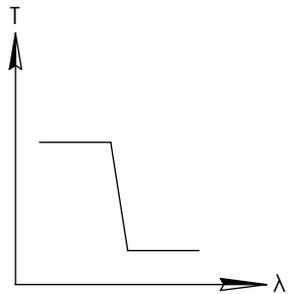
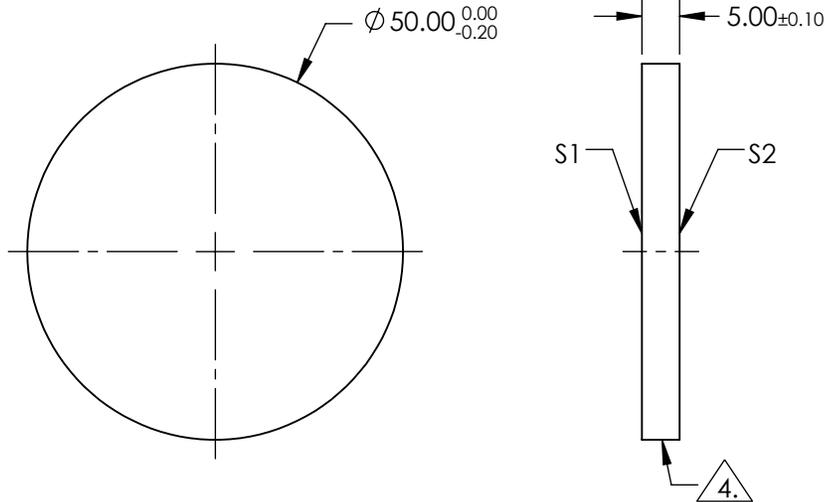
1. SUBSTRATE: UV GRADE FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN <30 arcsec
3. COATING (APPLY ACROSS COATING APERTURE)
 DURABILITY: MIL-C-48497A, SECT. 3.4.1
 PERFORMANCE SPECIFICATIONS: @ 0° AOI
 T(avg): ≥91% FROM 425 - 890nm
 T(avg): ≤ 0.01% FROM 930 - 1250nm
 CUT-OFF SLOPE: <1%
 CUT-OFF WAVELENGTH: 900nm ± 1%

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 RMS@ 632.8nm ≤ ¼ λ
7. ROHS COMPLIANT



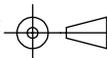
SHORTPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

EO® Edmund Optics®

	S1	S2
SHAPE	PLANO	PLANO
SURFACE QUALITY	60-40	60-40
CLEAR APERTURE	>80%	>80%
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

THIRD ANGLE PROJECTION



ALL DIMS IN

mm

TITLE

900nm 50mm Diameter, OD 4 Shortpass Filter

DWG NO

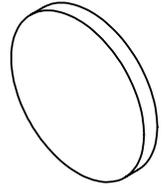
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SHEET
1 OF 1

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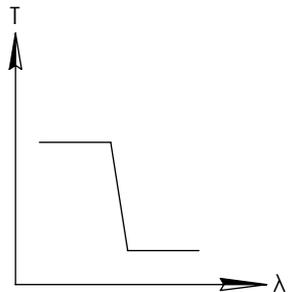
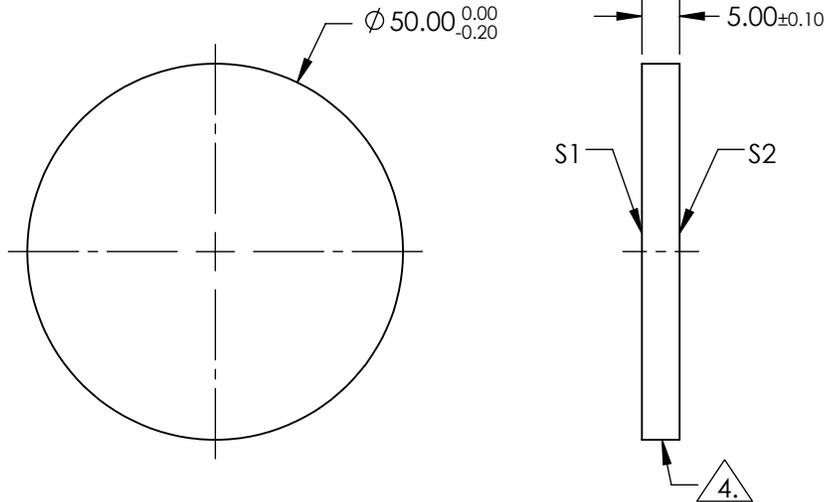
1. SUBSTRATE: UV GRADE FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN <30 arcsec
3. COATING (APPLY ACROSS COATING APERTURE)
 DURABILITY: MIL-C-48497A, SECT. 3.4.1
 PERFORMANCE SPECIFICATIONS: @ 0° AOI
 T(avg): ≥91% FROM 450 - 939nm
 T(avg): ≤ 0.01% FROM 980 - 1325nm
 CUT-OFF SLOPE: <1%
 CUT-OFF WAVELENGTH: 950nm ± 1%

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 RMS@ 632.8nm ≤ ¼ λ
7. ROHS COMPLIANT



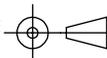
SHORTPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

EO® Edmund Optics®

	S1	S2
SHAPE	PLANO	PLANO
SURFACE QUALITY	60-40	60-40
CLEAR APERTURE	>80%	>80%
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

THIRD ANGLE PROJECTION



ALL DIMS IN

mm

TITLE

950nm 50mm Diameter, OD 4 Shortpass Filter

DWG NO

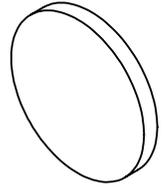
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SHEET
1 OF 1

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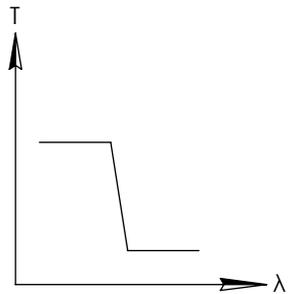
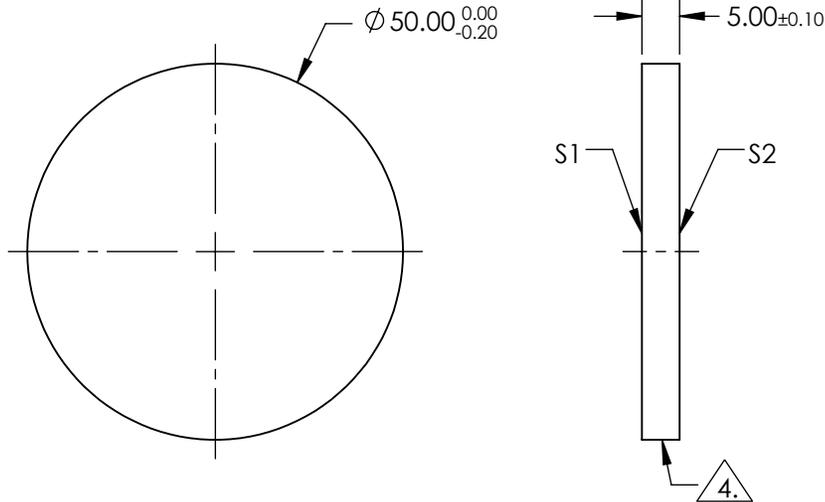
1. SUBSTRATE: UV GRADE FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN <30 arcsec
3. COATING (APPLY ACROSS COATING APERTURE)
 DURABILITY: MIL-C-48497A, SECT. 3.4.1
 PERFORMANCE SPECIFICATIONS: @ 0° AOI
 T(avg): ≥91% FROM 465 - 988nm
 T(avg): ≤ 0.01% FROM 1035 - 1400nm
 CUT-OFF SLOPE: <1%
 CUT-OFF WAVELENGTH: 1000nm ± 1%

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 RMS@ 632.8nm ≤ ¼ λ
7. ROHS COMPLIANT

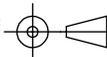


SHORTPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2
SHAPE	PLANO	PLANO
SURFACE QUALITY	60-40	60-40
CLEAR APERTURE	>80%	>80%
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

THIRD ANGLE PROJECTION



ALL DIMS IN

mm

EO® Edmund Optics®

TITLE 1000nm 50mm Diameter, OD 4 Shortpass Filter

DWG NO

84733

SHEET 1 OF 1

NOTES:

1. SUBSTRATE: UV GRADE FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN <30 arcsec
3. COATING (APPLY ACROSS COATING APERTURE)

DURABILITY: MIL-C-48497A, SECT. 3.4.1

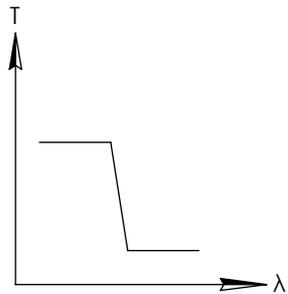
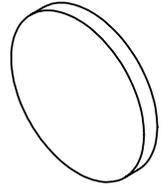
PERFORMANCE SPECIFICATIONS: @ 0° AOI

T(avg): ≥91% FROM 485 - 1036nm
 T(avg): ≤ 0.01% FROM 1085 - 1460nm
 CUT-OFF SLOPE: <1%
 CUT-OFF WAVELENGTH: 1050nm ± 1%

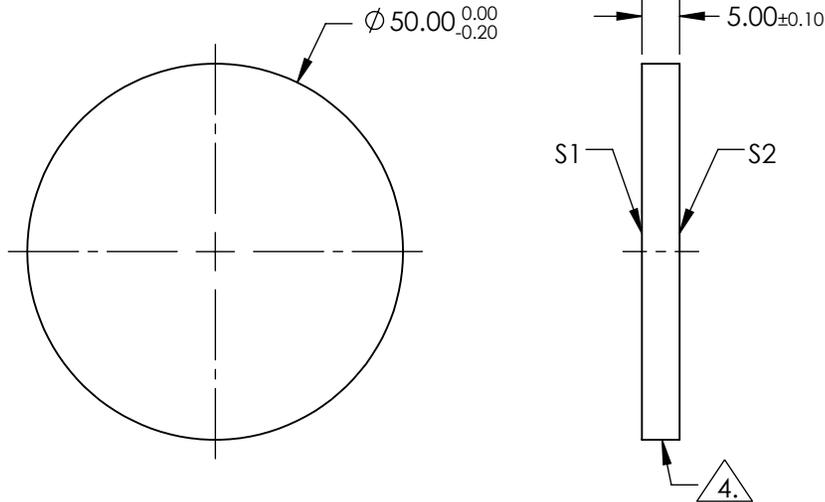
4. FINE GRIND SURFACE

5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
6. TRANSMITTED WAVEFRONT DISTORTION RMS@ 632.8nm ≤ ¼ λ
7. ROHS COMPLIANT

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



SHORTPASS FILTER

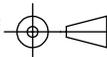


SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
 DIMENSIONS ARE FOR REFERENCE ONLY

EO® Edmund Optics®

	S1	S2
SHAPE	PLANO	PLANO
SURFACE QUALITY	60-40	60-40
CLEAR APERTURE	>80%	>80%
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

THIRD ANGLE PROJECTION



ALL DIMS IN

mm

TITLE

1050nm 50mm Diameter, OD 4 Shortpass Filter

DWG NO

84734

SHEET
1 OF 1

NOTES:

1. SUBSTRATE: UV GRADE FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN <30 arcsec
3. COATING (APPLY ACROSS COATING APERTURE)

DURABILITY: MIL-C-48497A, SECT. 3.4.1

PERFORMANCE SPECIFICATIONS: @ 0° AOI

T(avg): ≥91% FROM 510 - 1085nm

T(avg): ≤ 0.01% FROM 1140 - 1530nm

CUT-OFF SLOPE: <1%

CUT-OFF WAVELENGTH: 1100nm ± 1%

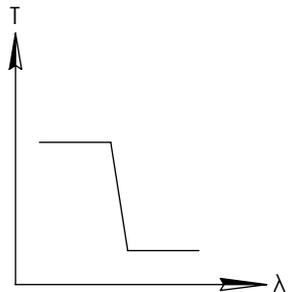
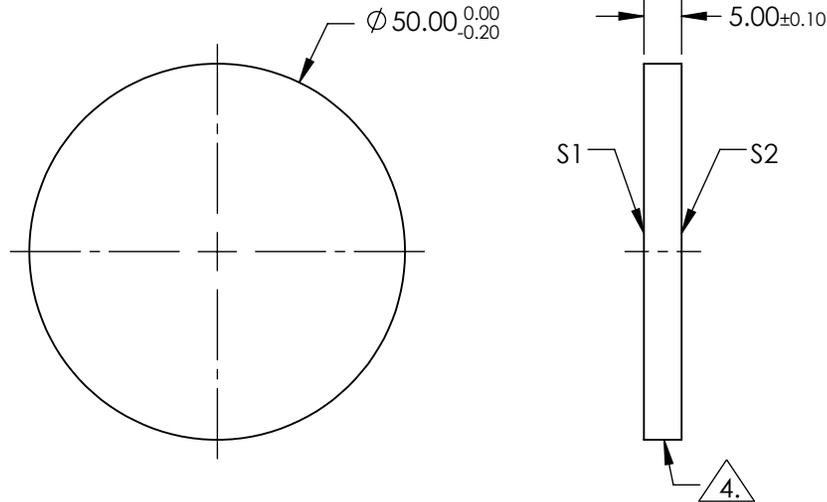
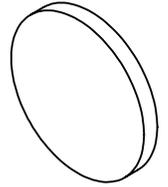
4. FINE GRIND SURFACE

5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE

6. TRANSMITTED WAVEFRONT DISTORTION RMS@ 632.8nm ≤ ¼ λ

7. ROHS COMPLIANT

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



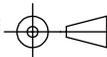
SHORTPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

EO® Edmund Optics®

	S1	S2
SHAPE	PLANO	PLANO
SURFACE QUALITY	60-40	60-40
CLEAR APERTURE	>80%	>80%
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

THIRD ANGLE PROJECTION



ALL DIMS IN

mm

TITLE	1100nm 50mm Diameter, OD 4 Shortpass Filter
DWG NO	84735
SHEET	1 OF 1

NOTES:

1. SUBSTRATE: UV GRADE FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN <30 arcsec
3. COATING (APPLY ACROSS COATING APERTURE)

DURABILITY: MIL-C-48497A, SECT. 3.4.1

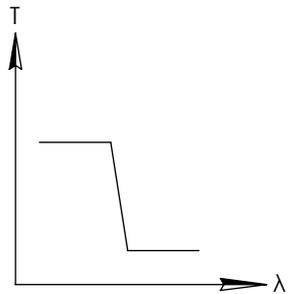
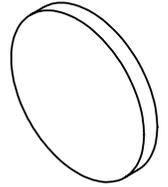
PERFORMANCE SPECIFICATIONS: @ 0° AOI

T(avg): ≥91% FROM 400 - 710nm
 T(avg): ≤ 0.01% FROM 740 - 1090nm
 CUT-OFF SLOPE: <1%
 CUT-OFF WAVELENGTH: 725nm ± 1%

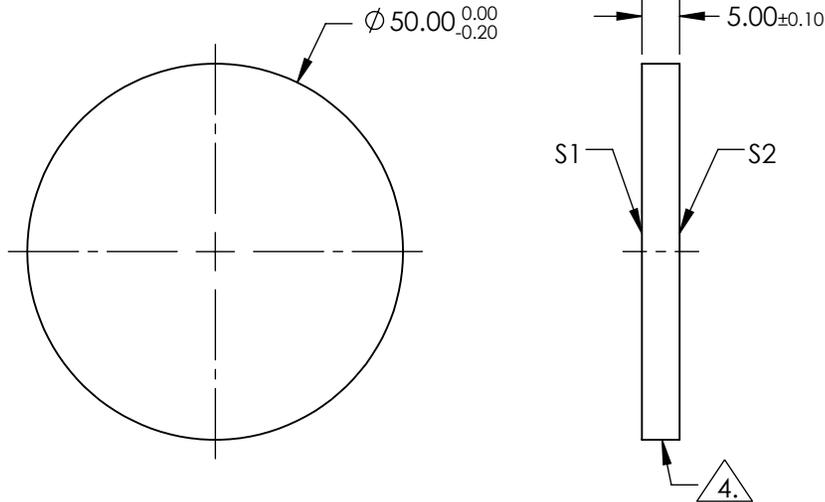
4. FINE GRIND SURFACE

5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
6. TRANSMITTED WAVEFRONT DISTORTION RMS@ 632.8nm ≤ ¼ λ
7. ROHS COMPLIANT

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



SHORTPASS FILTER

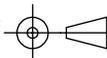


SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
 DIMENSIONS ARE FOR REFERENCE ONLY

EO® Edmund Optics®

	S1	S2
SHAPE	PLANO	PLANO
SURFACE QUALITY	60-40	60-40
CLEAR APERTURE	>80%	>80%
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

THIRD ANGLE PROJECTION



ALL DIMS IN

mm

TITLE

725nm 50mm Diameter, OD 4 Shortpass Filter

DWG NO

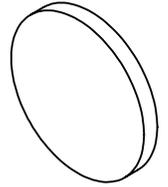
86111

SHEET
1 OF 1

NOTES:

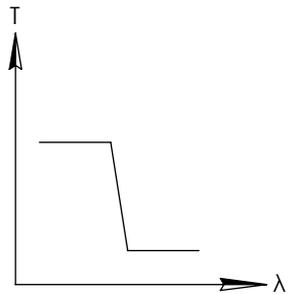
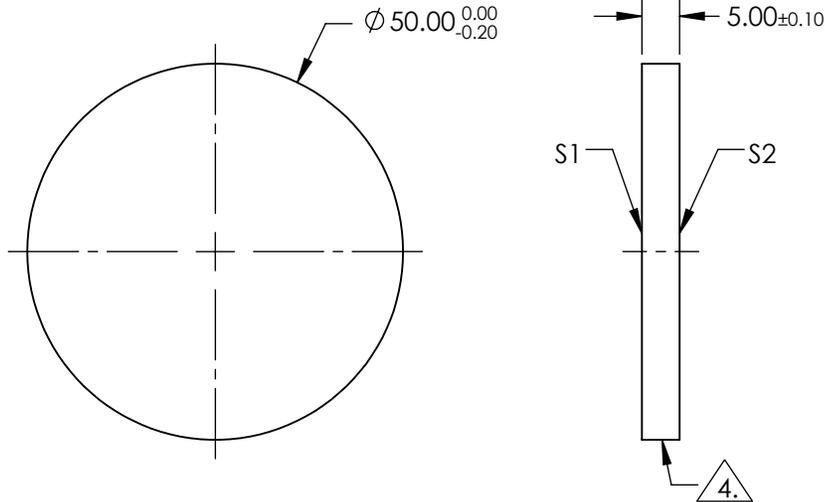
1. SUBSTRATE: UV GRADE FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN <30 arcsec
3. COATING (APPLY ACROSS COATING APERTURE)
 DURABILITY: MIL-C-48497A, SECT. 3.4.1
 PERFORMANCE SPECIFICATIONS: @ 0° AOI
 T(avg): ≥91% FROM 400 - 760nm
 T(avg): ≤ 0.01% FROM 795 - 1155nm
 CUT-OFF SLOPE: <1%
 CUT-OFF WAVELENGTH: 775nm ± 1%

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 RMS@ 632.8nm ≤ ¼ λ
7. ROHS COMPLIANT



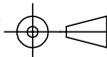
SHORTPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

EO® Edmund Optics®

	S1	S2
SHAPE	PLANO	PLANO
SURFACE QUALITY	60-40	60-40
CLEAR APERTURE	>80%	>80%
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

THIRD ANGLE PROJECTION



ALL DIMS IN

mm

TITLE

775nm 50mm Diameter, OD 4 Shortpass Filter

DWG NO

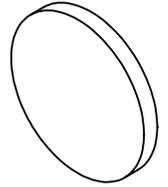
86112

SHEET
1 OF 1

NOTES:

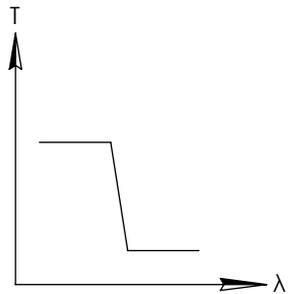
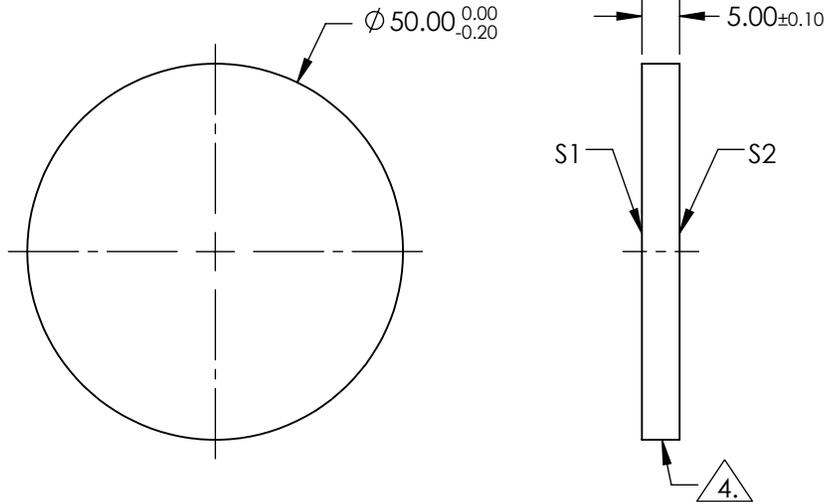
1. SUBSTRATE: UV GRADE FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN <30 arcsec
3. COATING (APPLY ACROSS COATING APERTURE)
 DURABILITY: MIL-C-48497A, SECT. 3.4.1
 PERFORMANCE SPECIFICATIONS: @ 0° AOI
 T(avg): ≥91% FROM 400 - 810nm
 T(avg): ≤ 0.01% FROM 850 - 1190nm
 CUT-OFF SLOPE: <1%
 CUT-OFF WAVELENGTH: 825nm ± 1%

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 RMS@ 632.8nm ≤ ¼ λ
7. ROHS COMPLIANT



SHORTPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

EO® Edmund Optics®

	S1	S2
SHAPE	PLANO	PLANO
SURFACE QUALITY	60-40	60-40
CLEAR APERTURE	>80%	>80%
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

THIRD ANGLE PROJECTION



ALL DIMS IN

mm

TITLE

825nm 50mm Diameter, OD 4 Shortpass Filter

DWG NO

86113

SHEET
1 OF 1

NOTES:

1. SUBSTRATE: UV GRADE FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN <30 arcsec
3. COATING (APPLY ACROSS COATING APERTURE)

DURABILITY: MIL-C-48497A, SECT. 3.4.1

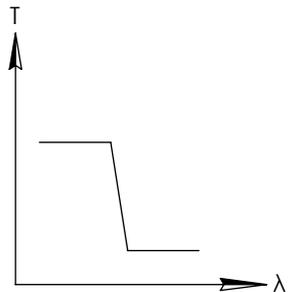
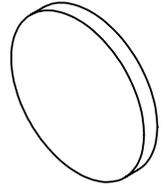
PERFORMANCE SPECIFICATIONS: @ 0° AOI

T(avg): ≥91% FROM 425 - 860nm
 T(avg): ≤ 0.01% FROM 905 - 1220nm
 CUT-OFF SLOPE: <1%
 CUT-OFF WAVELENGTH: 875nm ± 1%

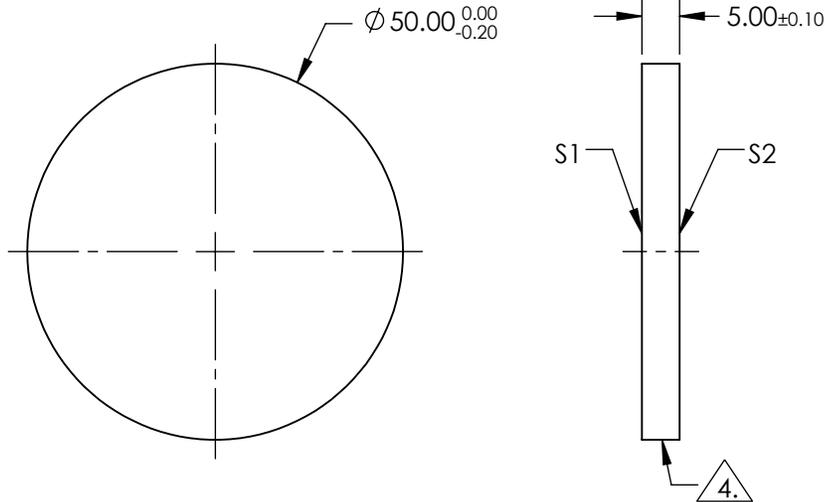
4. FINE GRIND SURFACE

5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
6. TRANSMITTED WAVEFRONT DISTORTION RMS@ 632.8nm ≤ ¼ λ
7. ROHS COMPLIANT

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



SHORTPASS FILTER

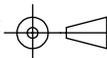


SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
 DIMENSIONS ARE FOR REFERENCE ONLY

EO® Edmund Optics®

	S1	S2
SHAPE	PLANO	PLANO
SURFACE QUALITY	60-40	60-40
CLEAR APERTURE	>80%	>80%
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

THIRD ANGLE PROJECTION



ALL DIMS IN

mm

TITLE

875nm 50mm Diameter, OD 4 Shortpass Filter

DWG NO

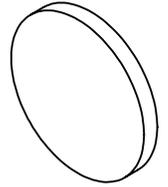
86114

SHEET
1 OF 1

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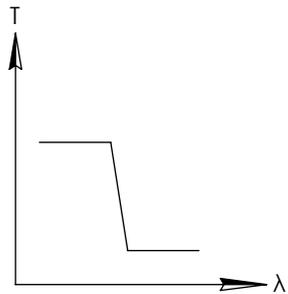
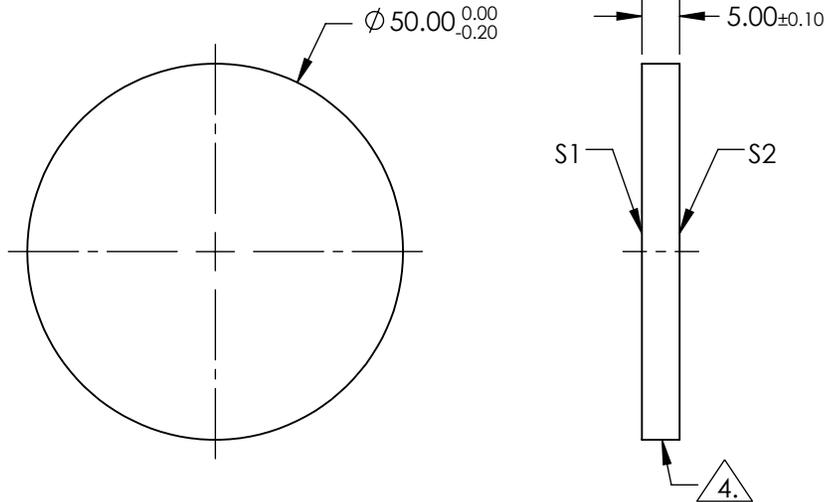
1. SUBSTRATE: UV GRADE FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN <30 arcsec
3. COATING (APPLY ACROSS COATING APERTURE)
 DURABILITY: MIL-C-48497A, SECT. 3.4.1
 PERFORMANCE SPECIFICATIONS: @ 0° AOI
 T(avg): ≥91% FROM 445 - 910nm
 T(avg): ≤ 0.01% FROM 955 - 1290nm
 CUT-OFF SLOPE: <1%
 CUT-OFF WAVELENGTH: 925nm ± 1%

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 RMS@ 632.8nm ≤ ¼ λ
7. ROHS COMPLIANT



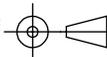
SHORTPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

EO® Edmund Optics®

	S1	S2
SHAPE	PLANO	PLANO
SURFACE QUALITY	60-40	60-40
CLEAR APERTURE	>80%	>80%
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

THIRD ANGLE PROJECTION



ALL DIMS IN

mm

TITLE

925nm 50mm Diameter, OD 4 Shortpass Filter

DWG NO

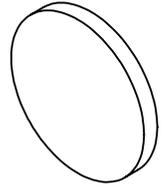
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SHEET
1 OF 1

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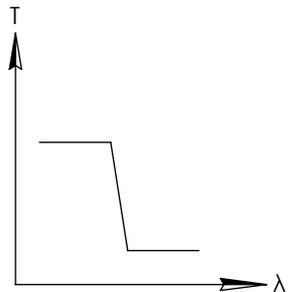
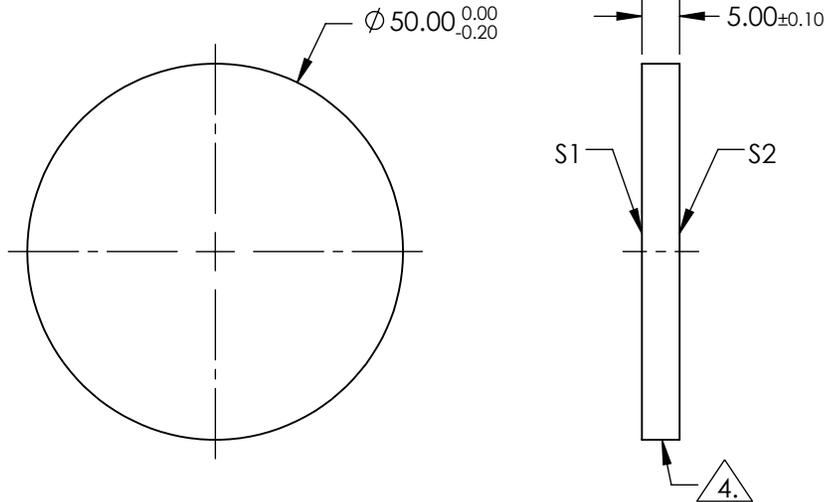
1. SUBSTRATE: UV GRADE FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN <30 arcsec
3. COATING (APPLY ACROSS COATING APERTURE)
 DURABILITY: MIL-C-48497A, SECT. 3.4.1
 PERFORMANCE SPECIFICATIONS: @ 0° AOI
 T(avg): ≥91% FROM 465 - 960nm
 T(avg): ≤ 0.01% FROM 1005 - 1365nm
 CUT-OFF SLOPE: <1%
 CUT-OFF WAVELENGTH: 975nm ± 1%

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 RMS@ 632.8nm ≤ ¼ λ
7. ROHS COMPLIANT



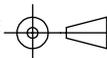
SHORTPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

EO® Edmund Optics®

	S1	S2
SHAPE	PLANO	PLANO
SURFACE QUALITY	60-40	60-40
CLEAR APERTURE	>80%	>80%
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

THIRD ANGLE PROJECTION



ALL DIMS IN

mm

TITLE

975nm 50mm Diameter, OD 4 Shortpass Filter

DWG NO

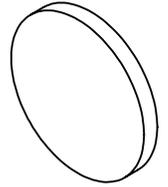
86116

SHEET
1 OF 1

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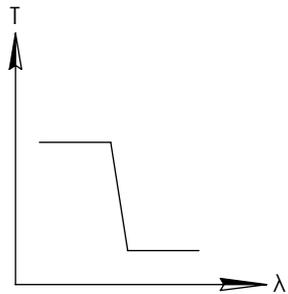
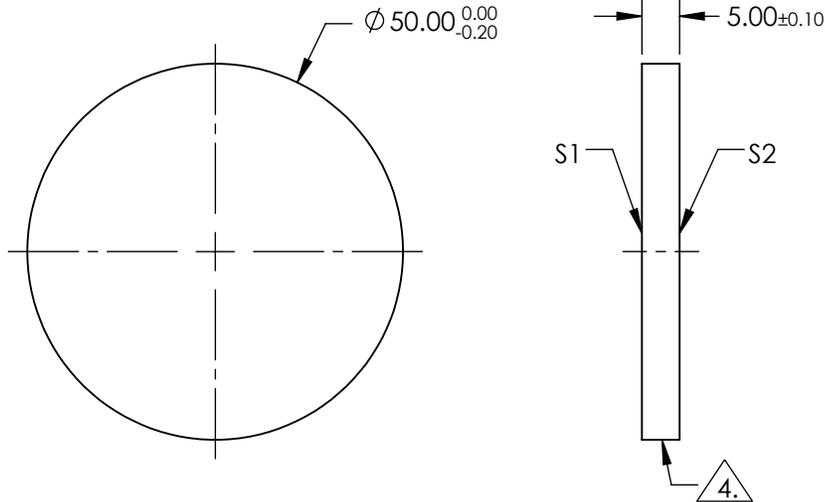
1. SUBSTRATE: UV GRADE FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN <30 arcsec
3. COATING (APPLY ACROSS COATING APERTURE)
 DURABILITY: MIL-C-48497A, SECT. 3.4.1
 PERFORMANCE SPECIFICATIONS: @ 0° AOI
 T(avg): ≥91% FROM 490 - 1010nm
 T(avg): ≤ 0.01% FROM 1060 - 1430nm
 CUT-OFF SLOPE: <1%
 CUT-OFF WAVELENGTH: 1025nm ± 1%

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 RMS@ 632.8nm ≤ ¼ λ
7. ROHS COMPLIANT



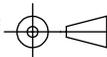
SHORTPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

EO® Edmund Optics®

	S1	S2
SHAPE	PLANO	PLANO
SURFACE QUALITY	60-40	60-40
CLEAR APERTURE	>80%	>80%
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

THIRD ANGLE PROJECTION



ALL DIMS IN

mm

TITLE

1025nm 50mm Diameter, OD 4 Shortpass Filter

DWG NO

86117

SHEET
1 OF 1

NOTES:

1. SUBSTRATE: UV GRADE FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN <30 arcsec
3. COATING (APPLY ACROSS COATING APERTURE)

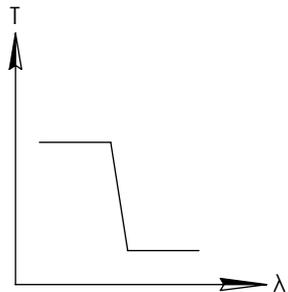
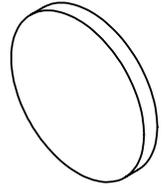
DURABILITY: MIL-C-48497A, SECT. 3.4.1

PERFORMANCE SPECIFICATIONS: @ 0° AOI
 T(avg): ≥91% FROM 505 - 1060nm
 T(avg): ≤ 0.01% FROM 1110 - 1495nm
 CUT-OFF SLOPE: <1%
 CUT-OFF WAVELENGTH: 1075nm ± 1%

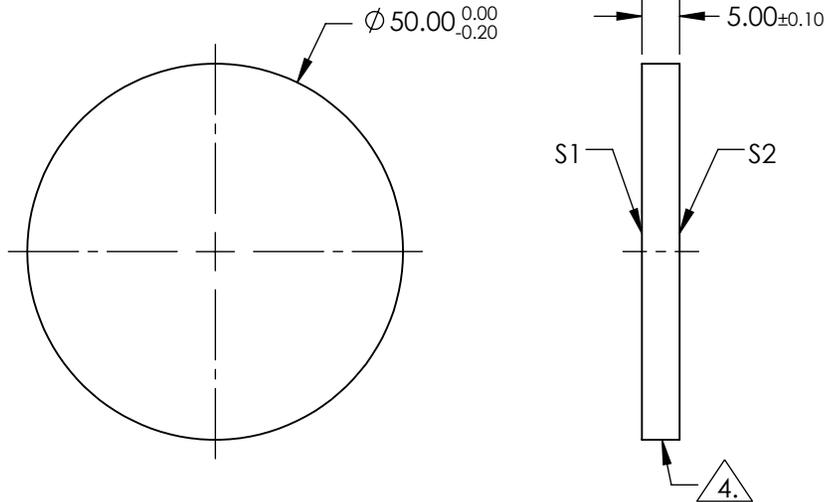
4. FINE GRIND SURFACE

5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
6. TRANSMITTED WAVEFRONT DISTORTION RMS@ 632.8nm ≤ ¼ λ
7. ROHS COMPLIANT

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



SHORTPASS FILTER

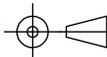


SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
 DIMENSIONS ARE FOR REFERENCE ONLY

EO® Edmund Optics®

	S1	S2
SHAPE	PLANO	PLANO
SURFACE QUALITY	60-40	60-40
CLEAR APERTURE	>80%	>80%
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

THIRD ANGLE PROJECTION



ALL DIMS IN

mm

TITLE	1075nm 50mm Diameter, OD 4 Shortpass Filter
DWG NO	86118
SHEET	1 OF 1