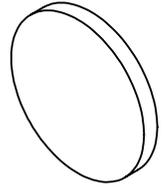


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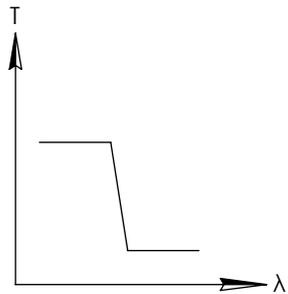
1. SUBSTRATE: UV GRADE FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN <30 arcsec
3. COATING (APPLY ACROSS COATING APERTURE)  
 DURABILITY: MIL-C-48497A, SECT. 3.4.1  
 PERFORMANCE SPECIFICATIONS: @ 0° AOI  
 T(avg): ≥91% FROM 400 - 740nm  
 T(avg): ≤ 0.01% FROM 775 - 1125nm  
 CUT-OFF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

FOR INFORMATION ONLY:  
DO NOT MANUFACTURE  
PARTS TO THIS DRAWING

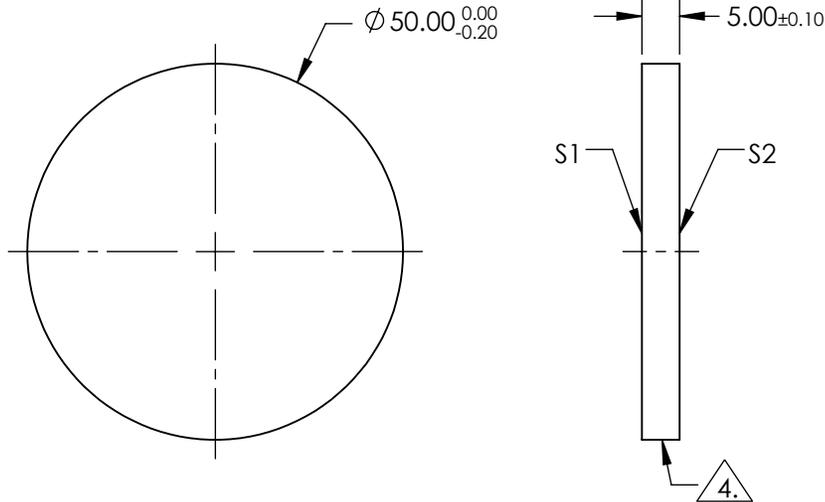


4. FINE GRIND SURFACE

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

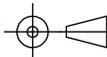


SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE  
DIMENSIONS ARE FOR REFERENCE ONLY

**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

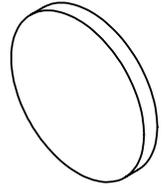
84728

SHEET  
1 OF 1

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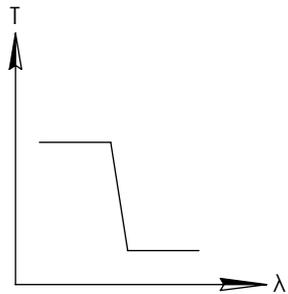
1. SUBSTRATE: UV GRADE FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN <30 arcsec
3. COATING (APPLY ACROSS COATING APERTURE)  
 DURABILITY: MIL-C-48497A, SECT. 3.4.1  
 PERFORMANCE SPECIFICATIONS: @ 0° AOI  
 T(avg): ≥91% FROM 400 - 790nm  
 T(avg): ≤ 0.01% FROM 825 - 1190nm  
 CUT-OFF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

FOR INFORMATION ONLY:  
DO NOT MANUFACTURE  
PARTS TO THIS DRAWING

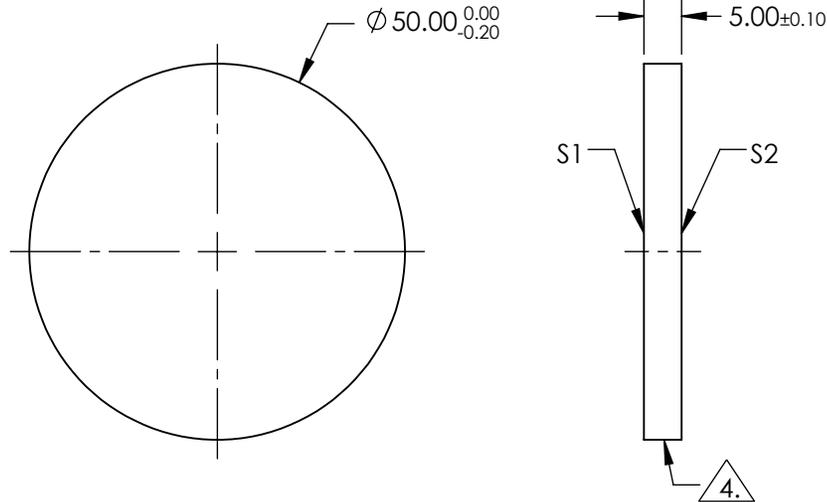


4. FINE GRIND SURFACE

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

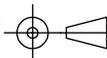


SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE  
DIMENSIONS ARE FOR REFERENCE ONLY

**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

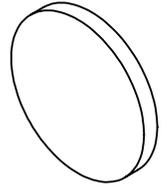
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SHEET  
1 OF 1

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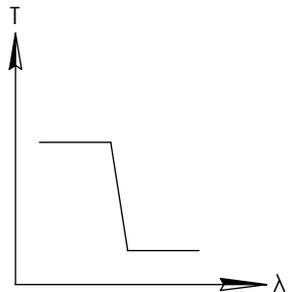
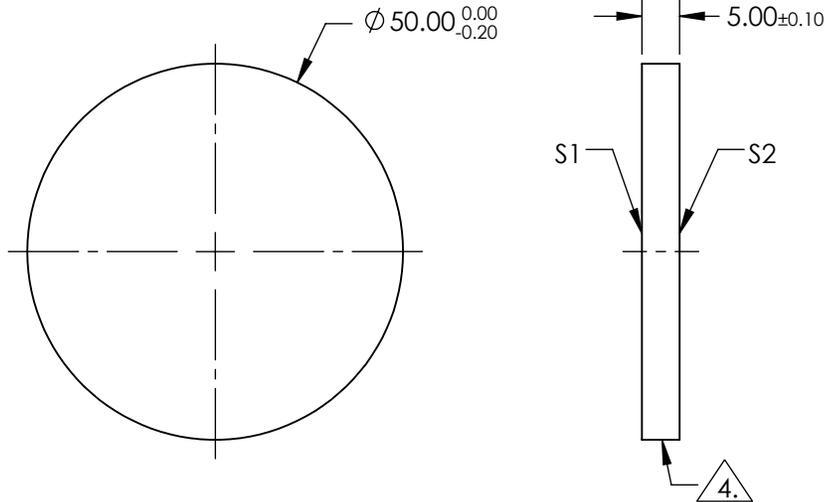
1. SUBSTRATE: UV GRADE FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN <30 arcsec
3. COATING (APPLY ACROSS COATING APERTURE)  
 DURABILITY: MIL-C-48497A, SECT. 3.4.1  
 PERFORMANCE SPECIFICATIONS: @ 0° AOI  
 T(avg): ≥91% FROM 400 - 840nm  
 T(avg): ≤ 0.01% FROM 880 - 1190nm  
 CUT-OFF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

FOR INFORMATION ONLY:  
DO NOT MANUFACTURE  
PARTS TO THIS DRAWING



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



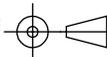
SHORTPASS FILTER

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

850nm 50mm Diameter, OD 4 Shortpass Filter

DWG NO

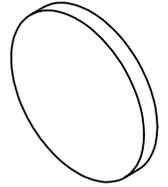
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SHEET  
1 OF 1

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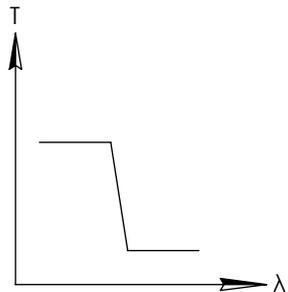
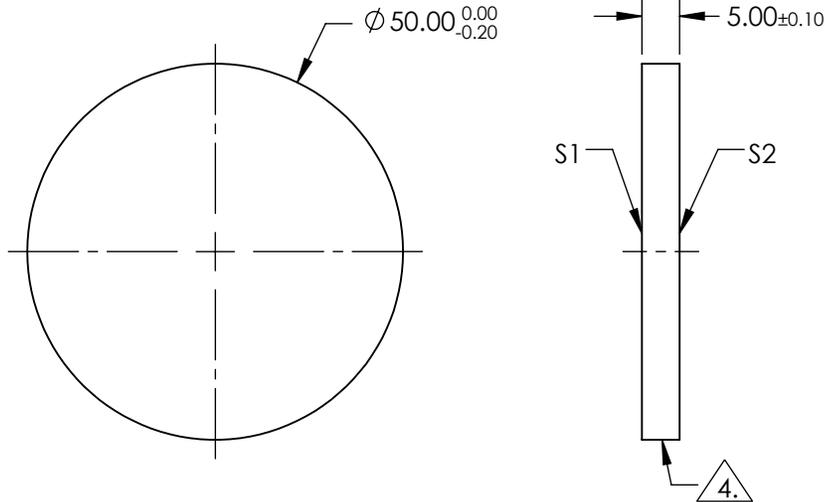
1. SUBSTRATE: UV GRADE FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN <30 arcsec
3. COATING (APPLY ACROSS COATING APERTURE)  
 DURABILITY: MIL-C-48497A, SECT. 3.4.1  
 PERFORMANCE SPECIFICATIONS: @ 0° AOI  
 T(avg): ≥91% FROM 425 - 890nm  
 T(avg): ≤ 0.01% FROM 930 - 1250nm  
 CUT-OFF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



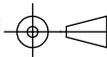
SHORTPASS FILTER

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

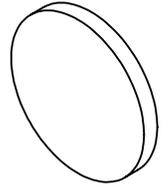
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SHEET  
1 OF 1

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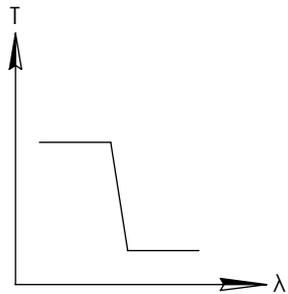
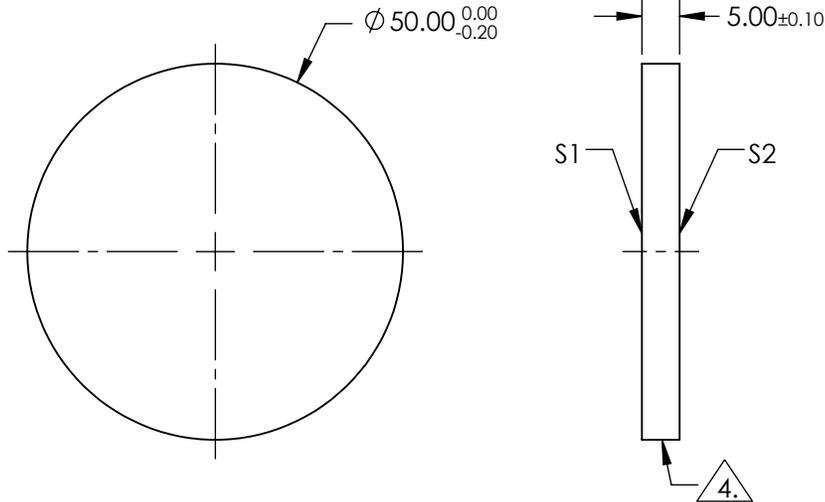
1. SUBSTRATE: UV GRADE FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN <30 arcsec
3. COATING (APPLY ACROSS COATING APERTURE)  
 DURABILITY: MIL-C-48497A, SECT. 3.4.1  
 PERFORMANCE SPECIFICATIONS: @ 0° AOI  
 T(avg): ≥91% FROM 450 - 939nm  
 T(avg): ≤ 0.01% FROM 980 - 1325nm  
 CUT-OFF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



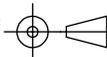
SHORTPASS FILTER

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

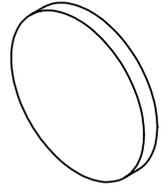
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SHEET  
1 OF 1

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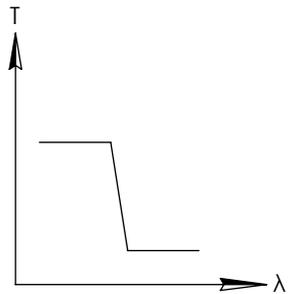
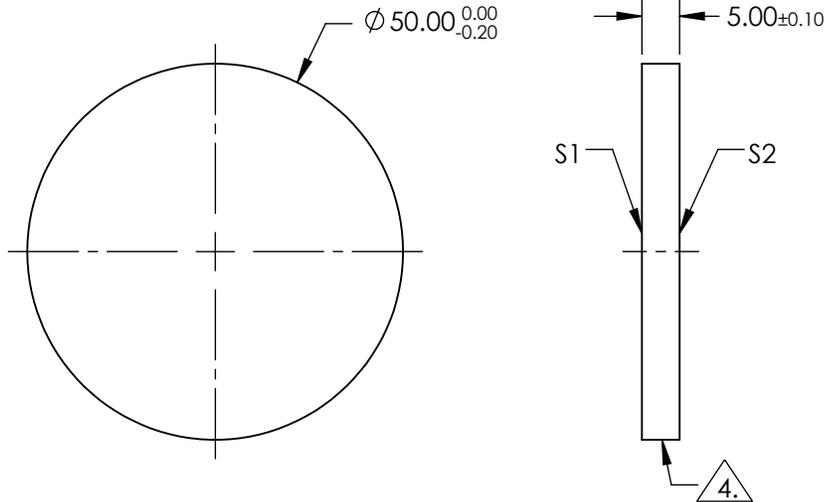
1. SUBSTRATE: UV GRADE FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN <30 arcsec
3. COATING (APPLY ACROSS COATING APERTURE)  
 DURABILITY: MIL-C-48497A, SECT. 3.4.1  
 PERFORMANCE SPECIFICATIONS: @ 0° AOI  
 T(avg): ≥91% FROM 465 - 988nm  
 T(avg): ≤ 0.01% FROM 1035 - 1400nm  
 CUT-OFF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



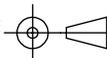
SHORTPASS FILTER

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

**EO**® Edmund Optics®

THIRD ANGLE PROJECTION



TITLE	1000nm 50mm Diameter, OD 4 Shortpass Filter
DWG NO	84733
SHEET	1 OF 1

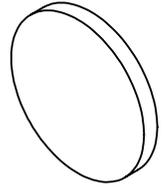
ALL DIMS IN

mm

NOTES:

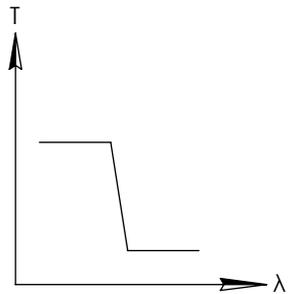
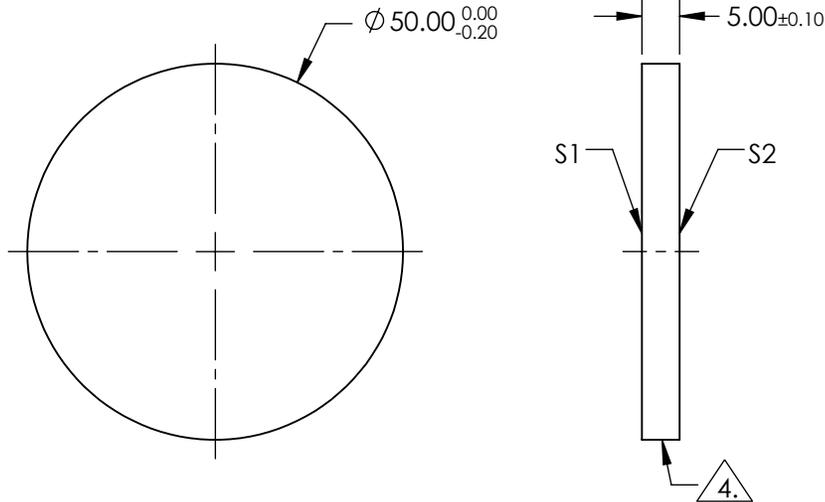
1. SUBSTRATE: UV GRADE FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN <30 arcsec
3. COATING (APPLY ACROSS COATING APERTURE)  
 DURABILITY: MIL-C-48497A, SECT. 3.4.1  
 PERFORMANCE SPECIFICATIONS: @ 0° AOI  
 T(avg): ≥91% FROM 485 - 1036nm  
 T(avg): ≤ 0.01% FROM 1085 - 1460nm  
 CUT-OFF SLOPE: <1%  
 CUT-OFF WAVELENGTH: 1050nm ± 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

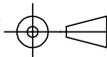


SHORTPASS FILTER

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 1050nm 50mm Diameter, OD 4 Shortpass Filter

DWG NO

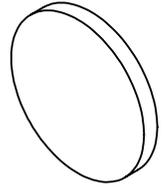
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SHEET 1 OF 1

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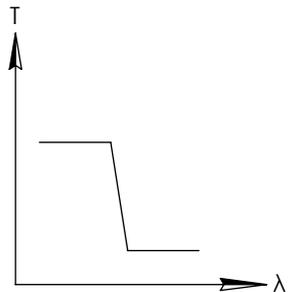
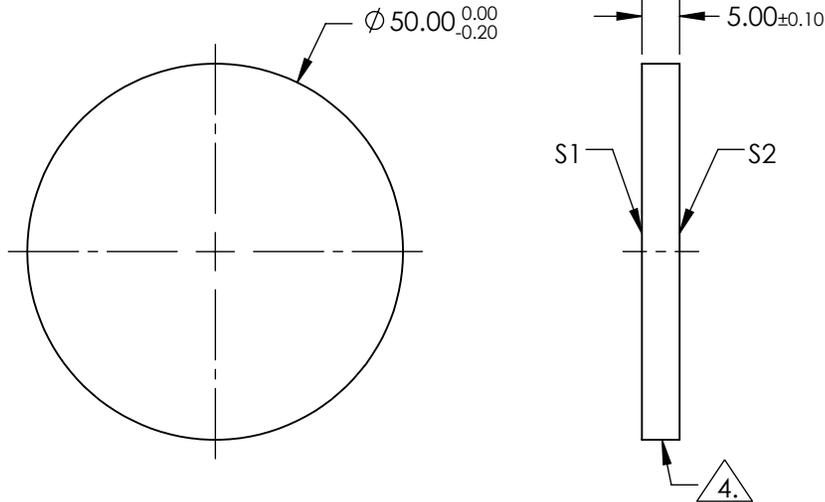
1. SUBSTRATE: UV GRADE FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN <30 arcsec
3. COATING (APPLY ACROSS COATING APERTURE)  
 DURABILITY: MIL-C-48497A, SECT. 3.4.1  
 PERFORMANCE SPECIFICATIONS: @ 0° AOI  
 T(avg): ≥91% FROM 510 - 1085nm  
 T(avg): ≤ 0.01% FROM 1140 - 1530nm  
 CUT-OFF SLOPE: <1%  
 CUT-OFF WAVELENGTH: 1100nm ± 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



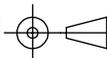
SHORTPASS FILTER

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