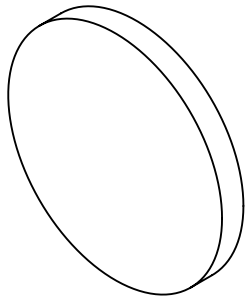
NOTES:

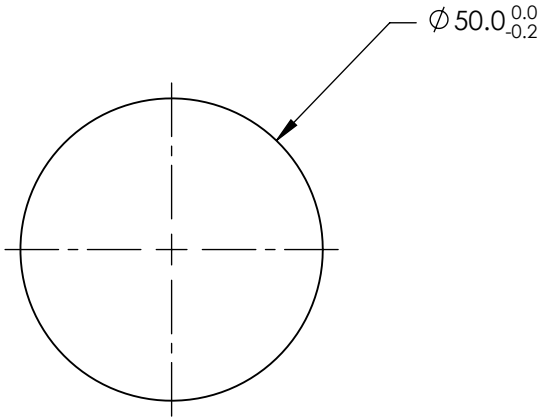
1. SUBSTRATE
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN 5 arcsec
3. COATING (APPLY ACROSS COATING APERTURE)
   S1: HARD DIELECTRIC SPUTTERED
   T(avg): ≥91% FROM 765 - 1650nm @ 0° AOI
   T(avg): ≤0.01% FROM 200 - 735nm @ 0° AOI
   T(abs): =50% FOR 750±7.5nm @ 0° AOI

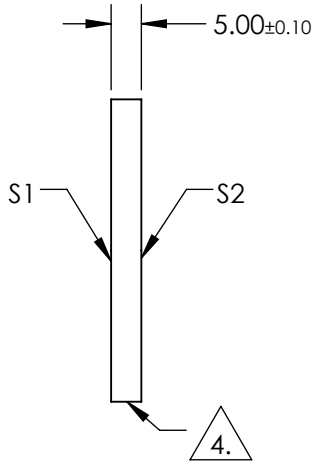
   S2:SINGLE LAYER MgF2

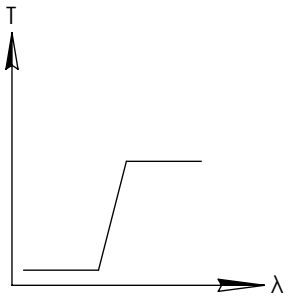
4. FINE GRIND SURFACE
5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
6. TRANSMITTED WAVEFRONT DISTORTION, RMS: ≤λ/4 @ 633nm
7. ROHS COMPLIANT

FOR INFORMATION ONLY:
DO NOT MANUFACTURE PARTS TO THIS DRAWING









LONGPASS FILTER

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

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

Edmund Optics®

THIRD ANGLE PROJECTION		TITLE	Ø50mm, 750nm, HIGH PERFORMANCE LONGPASS FILTER	
ALL DIMS IN	mm	DWG NO	84761	SHEET 1 OF 1

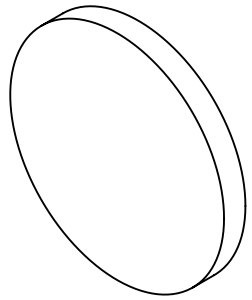
NOTES:

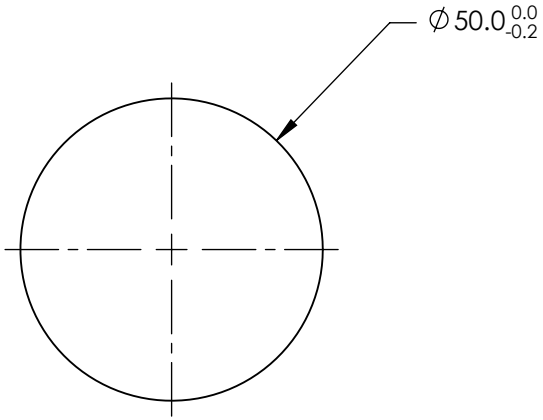
1. SUBSTRATE
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN 5 arcsec
3. COATING (APPLY ACROSS COATING APERTURE)
   S1: HARD DIELECTRIC SPUTTERED
   T(avg): ≥91% FROM 815 - 1650nm @ 0° AOI
   T(avg): ≤0.01% FROM 200 - 785nm @ 0° AOI
   T(abs): =50% FOR 800±8nm @ 0° AOI

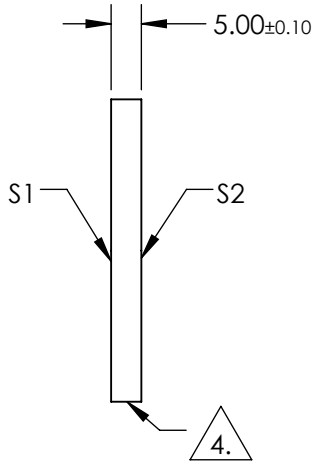
   S2:SINGLE LAYER MgF2

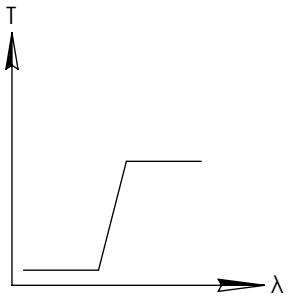
4. FINE GRIND SURFACE
5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
6. TRANSMITTED WAVEFRONT DISTORTION, RMS: ≤λ/4 @ 633nm
7. ROHS COMPLIANT

FOR INFORMATION ONLY:
DO NOT MANUFACTURE PARTS TO THIS DRAWING









LONGPASS FILTER

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

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

Edmund Optics®

THIRD ANGLE PROJECTION		TITLE	Ø50mm, 800nm, HIGH PERFORMANCE LONGPASS FILTER	
ALL DIMS IN	mm	DWG NO	84762	SHEET 1 OF 1

NOTES:

1. SUBSTRATE
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN 5 arcsec
3. COATING (APPLY ACROSS COATING APERTURE)
   S1: HARD DIELECTRIC SPUTTERED
   T(avg): ≥91% FROM 865 - 1650nm @ 0° AOI
   T(avg): ≤0.01% FROM 200 - 835nm @ 0° AOI
   T(abs): =50% FOR 850±8.5nm @ 0° AOI

   S2:SINGLE LAYER MgF2

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

FOR INFORMATION ONLY:
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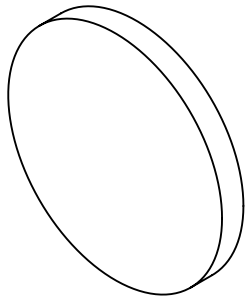
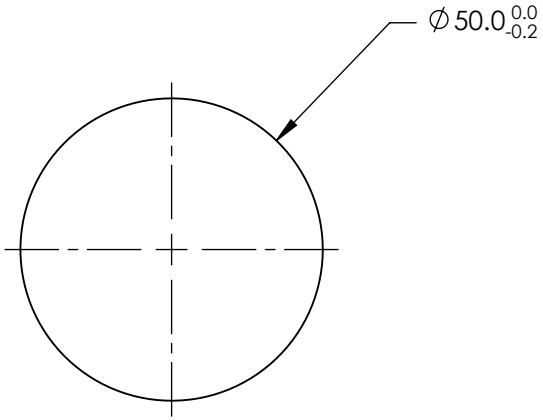
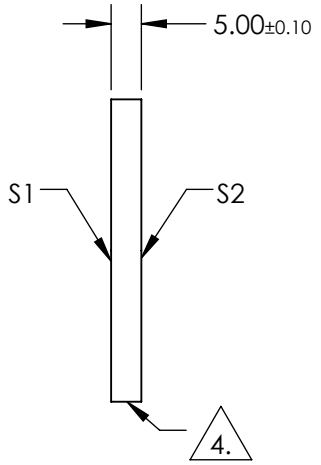
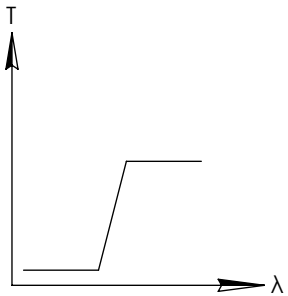








LONGPASS FILTER

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

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

Edmund Optics®

THIRD ANGLE PROJECTION		TITLE	Ø50mm, 850nm, HIGH PERFORMANCE LONGPASS FILTER	
ALL DIMS IN	mm	DWG NO	84763	SHEET 1 OF 1

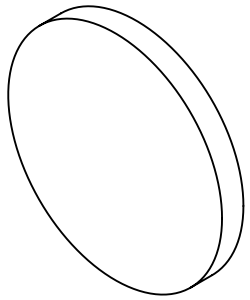
NOTES:

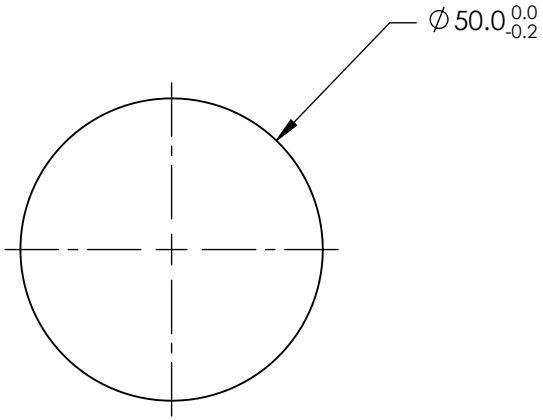
1. SUBSTRATE
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN 5 arcsec
3. COATING (APPLY ACROSS COATING APERTURE)
   S1: HARD DIELECTRIC SPUTTERED
   T(avg): ≥91% FROM 915 - 1650nm @ 0° AOI
   T(avg): ≤0.01% FROM 200 - 880nm @ 0° AOI
   T(abs): =50% FOR 900±9nm @ 0° AOI

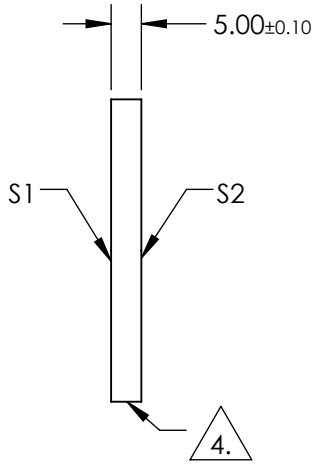
   S2:SINGLE LAYER MgF2

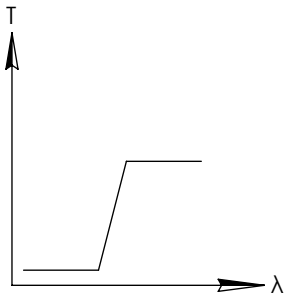
4. FINE GRIND SURFACE
5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
6. TRANSMITTED WAVEFRONT DISTORTION, RMS: ≤λ/4 @ 633nm
7. ROHS COMPLIANT

FOR INFORMATION ONLY:
DO NOT MANUFACTURE PARTS TO THIS DRAWING









LONGPASS FILTER

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

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

Edmund Optics®

THIRD ANGLE PROJECTION		TITLE	Ø50mm, 900nm, HIGH PERFORMANCE LONGPASS FILTER	
ALL DIMS IN	mm	DWG NO	84764	SHEET 1 OF 1

NOTES:

1. SUBSTRATE
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN 5 arcsec
3. COATING (APPLY ACROSS COATING APERTURE)
   S1: HARD DIELECTRIC SPUTTERED
   T(avg): ≥91% FROM 965 - 1650nm @ 0° AOI
   T(avg): ≤0.01% FROM 200 - 930nm @ 0° AOI
   T(abs): =50% FOR 950±9.5nm @ 0° AOI

   S2:SINGLE LAYER MgF2

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

FOR INFORMATION ONLY:
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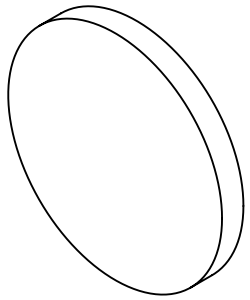

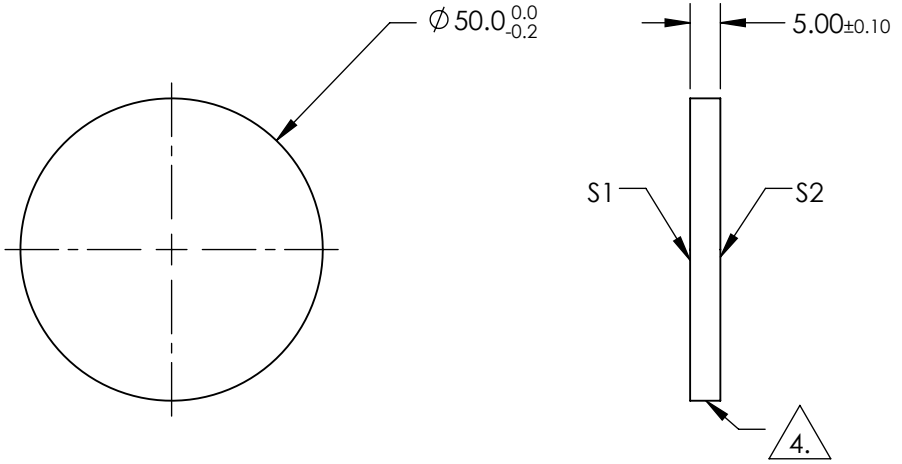

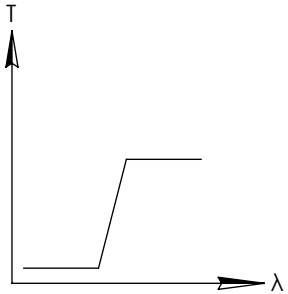

LONGPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

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

Edmund Optics®

THIRD ANGLE PROJECTION

TITLE: Ø50mm, 950nm, HIGH PERFORMANCE LONGPASS FILTER

ALL DIMS IN: mm

DWG NO: 84765

SHEET 1 OF 1

NOTES:

1. SUBSTRATE
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN 5 arcsec
3. COATING (APPLY ACROSS COATING APERTURE)
   S1: HARD DIELECTRIC SPUTTERED
   T(avg): ≥91% FROM 1020 - 1650nm @ 0° AOI
   T(avg): ≤0.01% FROM 200 - 980nm @ 0° AOI
   T(abs): =50% FOR 1000±10nm @ 0° AOI

   S2:SINGLE LAYER MgF2

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

FOR INFORMATION ONLY:
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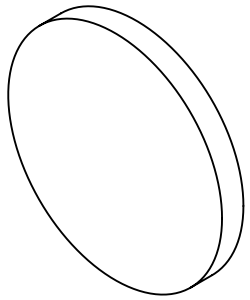

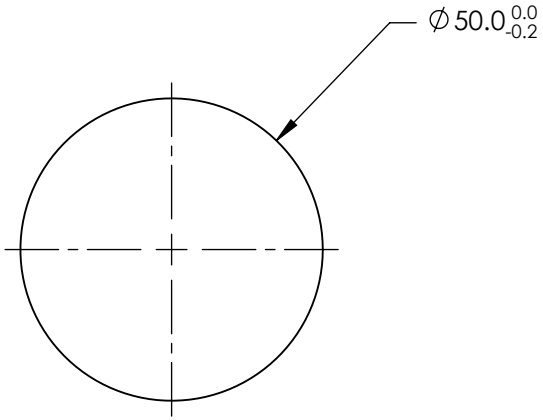

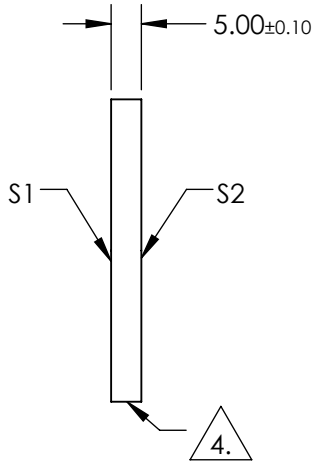

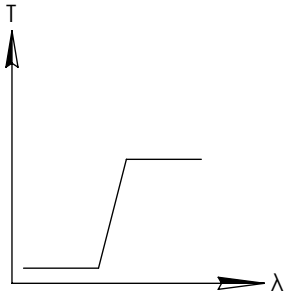

LONGPASS FILTER

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

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

Edmund Optics®

THIRD ANGLE PROJECTION		TITLE	Ø50mm, 1000nm, HIGH PERFORMANCE LONGPASS FILTER	
ALL DIMS IN	mm	DWG NO	84766	SHEET 1 OF 1

NOTES:

1. SUBSTRATE
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN 5 arcsec
3. COATING (APPLY ACROSS COATING APERTURE)
   S1: HARD DIELECTRIC SPUTTERED
   T(avg): ≥91% FROM 1070 - 1650nm @ 0° AOI
   T(avg): ≤0.01% FROM 200 - 1030nm @ 0° AOI
   T(abs): =50% FOR 1050±10.5nm @ 0° AOI

   S2:SINGLE LAYER MgF2

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

FOR INFORMATION ONLY:
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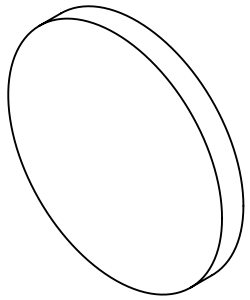

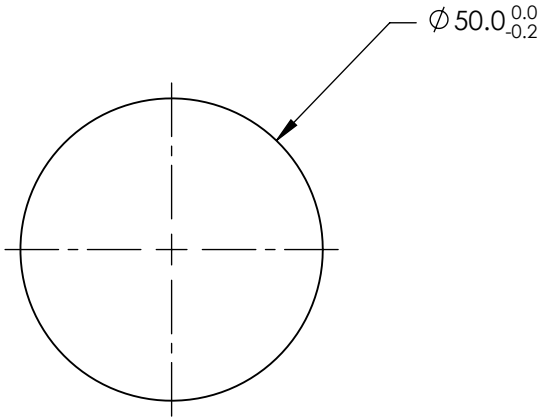

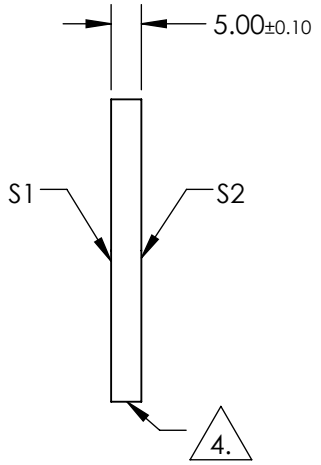

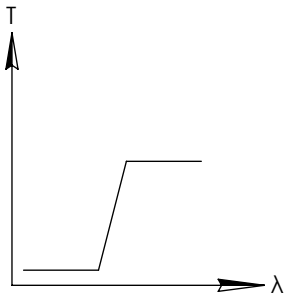

LONGPASS FILTER

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

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

Edmund Optics®

THIRD ANGLE PROJECTION		TITLE	Ø50mm, 1050nm, HIGH PERFORMANCE LONGPASS FILTER	
ALL DIMS IN	mm	DWG NO	84767	SHEET 1 OF 1

NOTES:

1. SUBSTRATE
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN 5 arcsec
3. COATING (APPLY ACROSS COATING APERTURE)
   S1: HARD DIELECTRIC SPUTTERED
   T(avg): ≥91% FROM 1120 - 1650nm @ 0° AOI
   T(avg): ≤0.01% FROM 200 - 1080nm @ 0° AOI
   T(abs): =50% FOR 1100±11nm @ 0° AOI

   S2:SINGLE LAYER MgF2

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

FOR INFORMATION ONLY:
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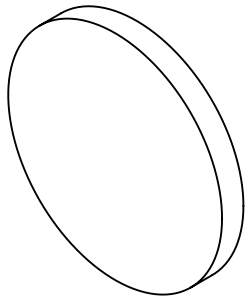

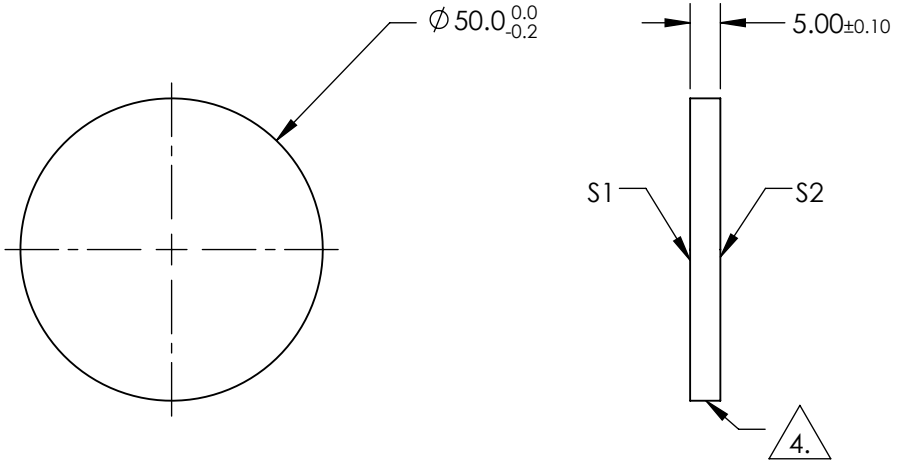

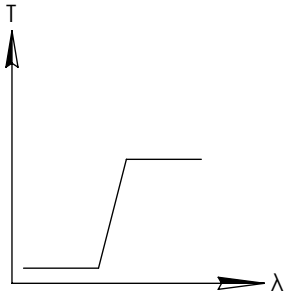

LONGPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

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

Edmund Optics®

THIRD ANGLE PROJECTION		TITLE	Ø50mm, 1100nm, HIGH PERFORMANCE LONGPASS FILTER	
ALL DIMS IN	mm	DWG NO	84768	SHEET 1 OF 1