

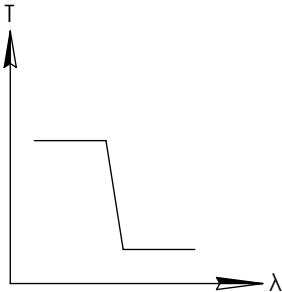
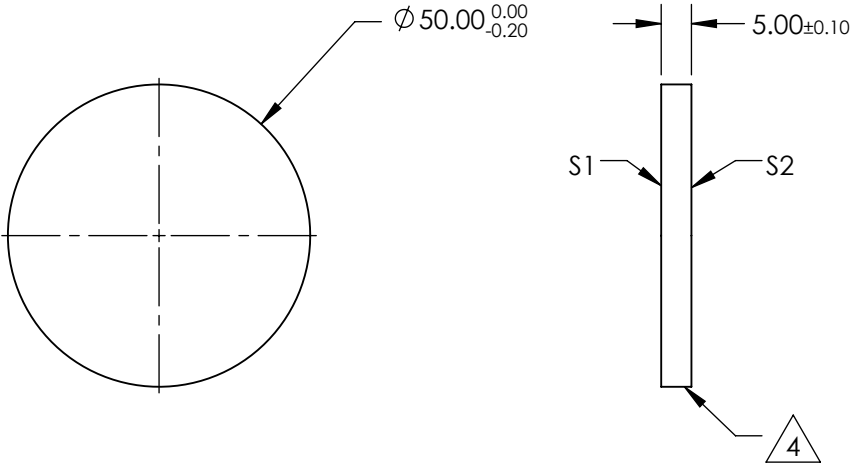
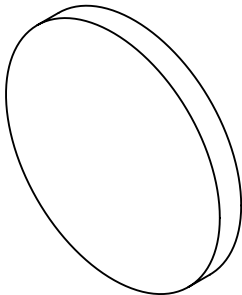
**FOR INFORMATION ONLY:  
DO NOT MANUFACTURE  
PARTS TO THIS DRAWING**

NOTES:

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

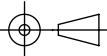


SHORTPASS FILTER

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



**Edmund Optics®**

TITLE

OD2, Ø50mm, 425nm, SHORTPASS FILTER

DWG NO

64608

SHEET  
1 OF 1

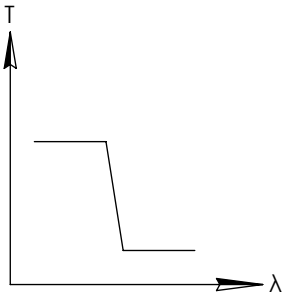
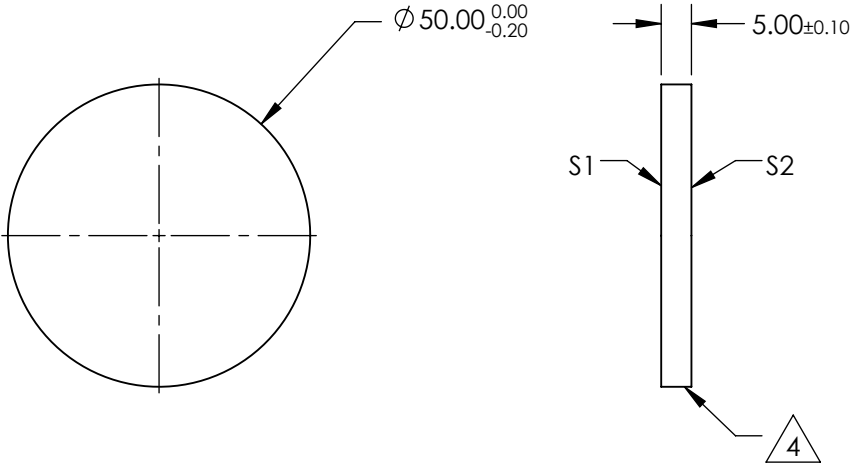
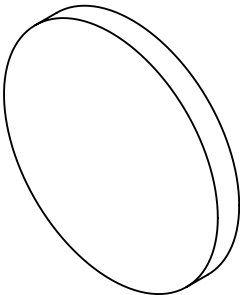
**FOR INFORMATION ONLY:  
DO NOT MANUFACTURE  
PARTS TO THIS DRAWING**

NOTES:

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

TITLE	OD2, Ø50mm, 475nm, SHORTPASS FILTER		
DWG NO	64609	SHEET 1 OF 1	

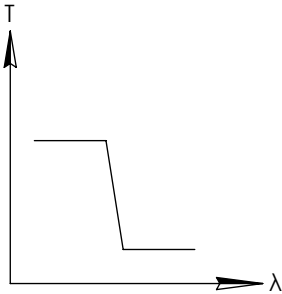
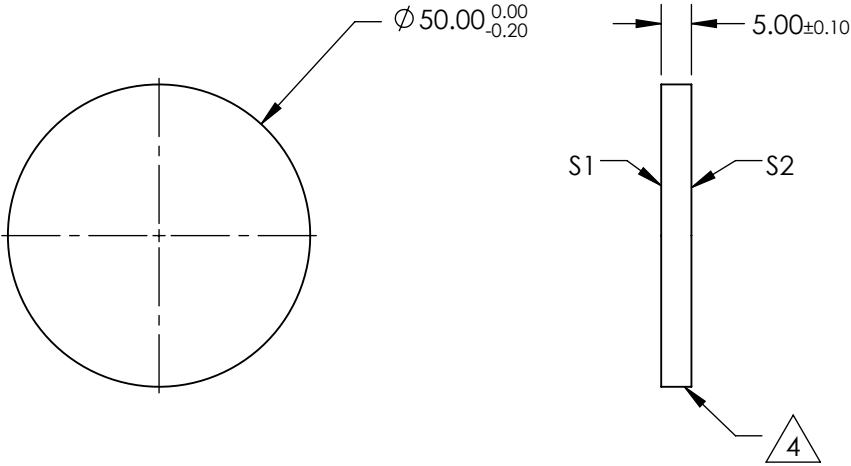
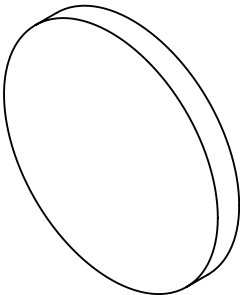
**FOR INFORMATION ONLY:  
DO NOT MANUFACTURE  
PARTS TO THIS DRAWING**

NOTES:

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



ALL DIMS IN

mm

**Edmund Optics®**

TITLE

OD2, Ø50mm, 525nm, SHORTPASS FILTER

DWG NO

64610

SHEET  
1 OF 1

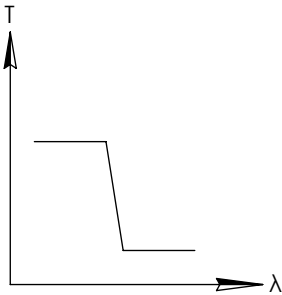
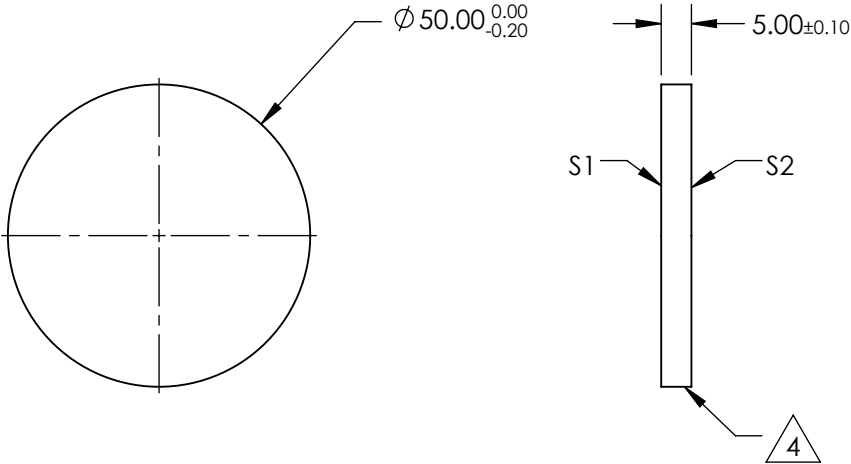
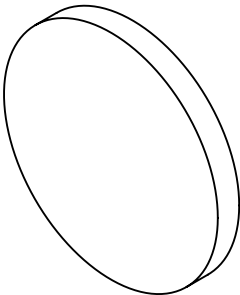
**FOR INFORMATION ONLY:  
DO NOT MANUFACTURE  
PARTS TO THIS DRAWING**

NOTES:

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

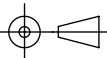


SHORTPASS FILTER

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



**Edmund Optics®**

TITLE

OD2, Ø50mm, 575nm, SHORTPASS FILTER

DWG NO

64611

SHEET  
1 OF 1

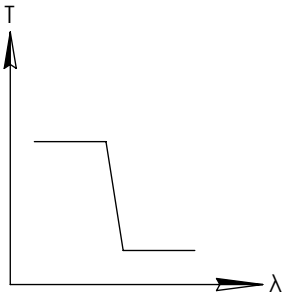
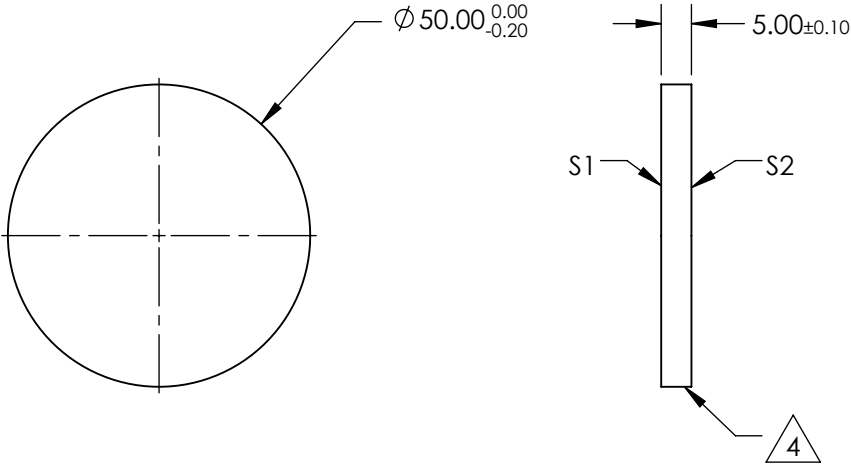
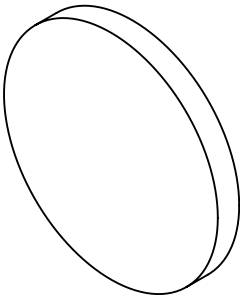
**FOR INFORMATION ONLY:  
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PARTS TO THIS DRAWING**

NOTES:

1. SUBSTRATE
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN  $\pm 3$  arcsec
3. COATING (APPLY ACROSS COATING APERTURE)  
DURABILITY:  
PERFORMANCE SPECIFICATIONS:  
T(avg):  $>85\%$  @ AOI  $0^\circ$  FROM 400 - 605nm  
T(avg):  $<1\%$  @ AOI  $0^\circ$  FROM 650 - 820nm  
T(avg):  $\approx 50\%$  FOR AOI  $0^\circ$  @  $625 \pm 2$ 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		Edmund Optics®	
TITLE		OD2, Ø50mm, 625nm, SHORTPASS FILTER	
ALL DIMS IN	mm	DWG NO	64612
			SHEET 1 OF 1

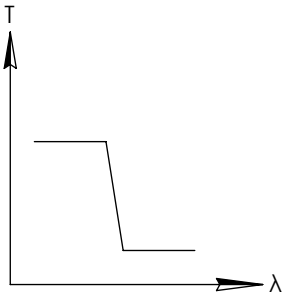
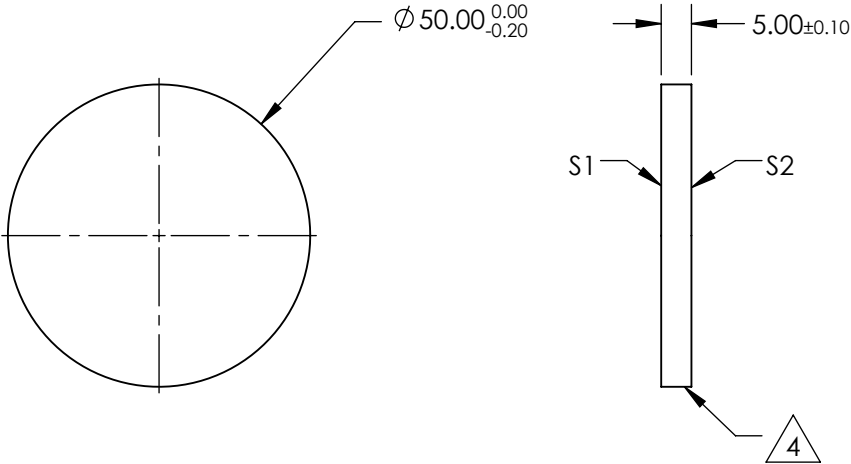
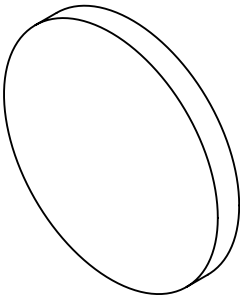
**FOR INFORMATION ONLY:  
DO NOT MANUFACTURE  
PARTS TO THIS DRAWING**

NOTES:

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



ALL DIMS IN mm

**Edmund Optics®**

TITLE OD2, Ø50mm, 675nm, SHORTPASS FILTER

DWG NO 64613

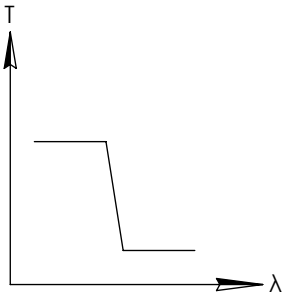
SHEET 1 OF 1

NOTES:

1. SUBSTRATE
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN  $\pm 3$  arcsec
3. COATING (APPLY ACROSS COATING APERTURE)  
DURABILITY:  
PERFORMANCE SPECIFICATIONS:  
T(avg):  $>85\%$  @ AOI  $0^\circ$  FROM 400 - 705nm  
T(avg):  $<1\%$  @ AOI  $0^\circ$  FROM 750 - 925nm  
T(avg):  $\approx 50\%$  FOR AOI  $0^\circ$  @  $725 \pm 2$ nm  
  
S2: SINGLE LAYER MgF2

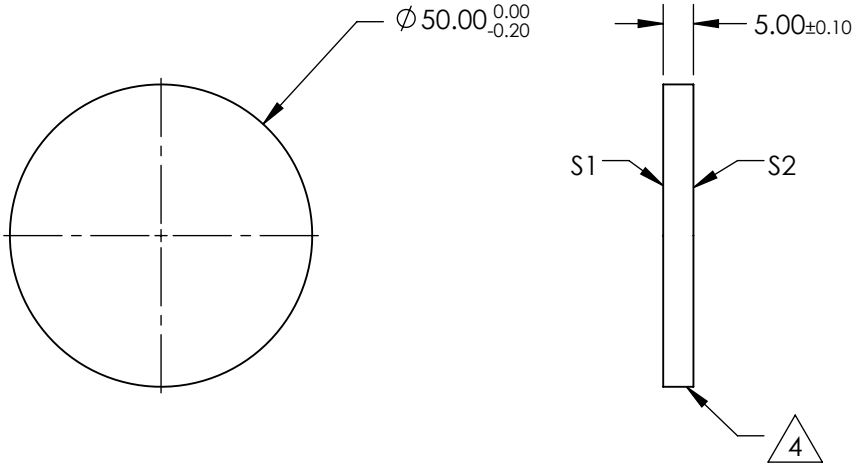
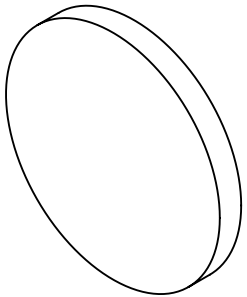
4. FINE GRIND SURFACE

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

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



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



ALL DIMS IN mm

**Edmund Optics®**

TITLE OD2, Ø50mm, 725nm, SHORTPASS FILTER

DWG NO 64614

SHEET  
1 OF 1

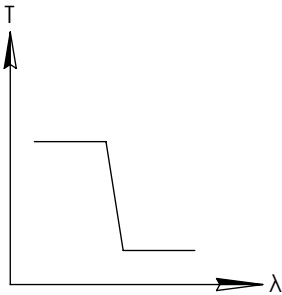
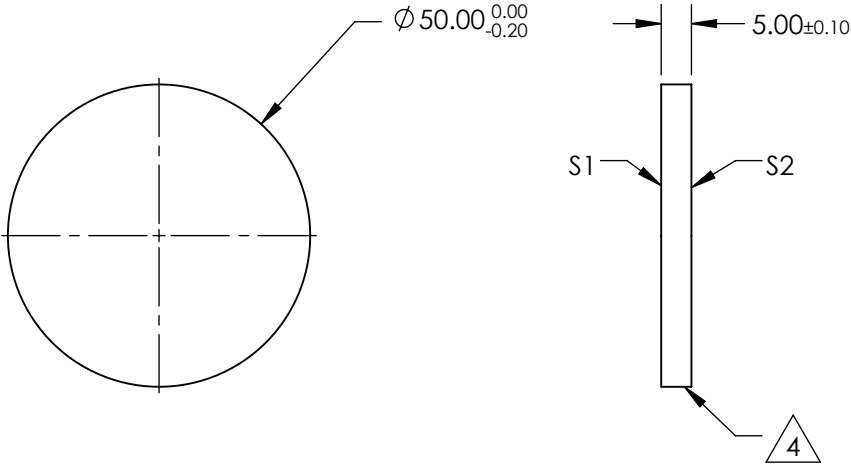
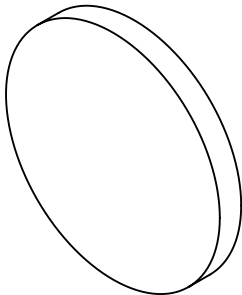
**FOR INFORMATION ONLY:  
DO NOT MANUFACTURE  
PARTS TO THIS DRAWING**

NOTES:

1. SUBSTRATE
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN  $\pm 3$  arcsec
3. COATING (APPLY ACROSS COATING APERTURE)  
DURABILITY:  
PERFORMANCE SPECIFICATIONS:  
T(avg):  $>85\%$  @ AOI  $0^\circ$  FROM 400 - 750nm  
T(avg):  $<1\%$  @ AOI  $0^\circ$  FROM 825 - 1015nm  
T(avg):  $\approx 50\%$  FOR AOI  $0^\circ$  @  $775 \pm 2$ 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

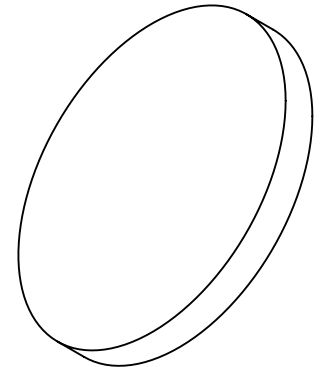
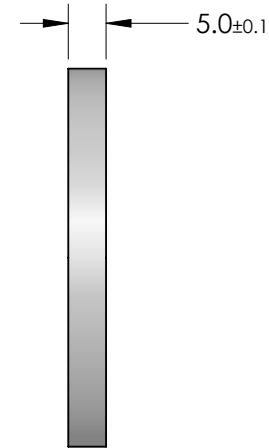
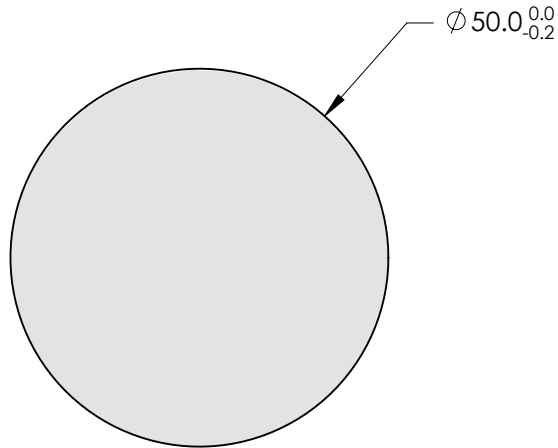
ALL DIMS IN mm

 **Edmund Optics®**

TITLE	OD2, Ø50mm, 775nm, SHORTPASS FILTER		
DWG NO	64615	SHEET 1 OF 1	




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



SPECIFICATION	VALUE
CUT-OFF WAVELENGTH	825nm±2%
TRANSMISSION BAND	400 - 800nm
REJECTION BAND	880 - 1080nm
PASSBAND TRANSMISSION	>85%
REJECTION BAND BLOCKING	≥2.0
CLEAR APERTURE	80%
SURFACE QUALITY	40-20
TRANSMITTED WAVEFRONT	$\lambda/4$ P-V
SLOPE FACTOR	±3%
ANGLE OF INCIDENCE (DEG)	0°
COATING TYPE	Traditional Coated
SUBSTRATE	UV Grade Fused Silica

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE  
DIMENSIONS ARE FOR REFERENCE ONLY

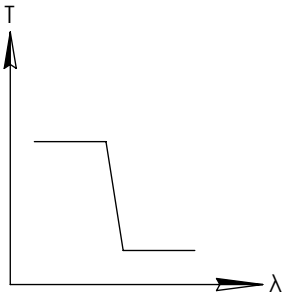
EFL (AT 587.6nm)	NA	 <b>Edmund Optics®</b>		
BFL (AT 587.6nm)	NA	TITLE	825nm 50mm Diameter, OD 2 Shortpass Filter	
ALL DIMS IN	mm	DWG NO	64654	SHEET 1 OF 1

NOTES:

1. SUBSTRATE
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN  $\pm 3$  arcsec
3. COATING (APPLY ACROSS COATING APERTURE)  
DURABILITY:  
PERFORMANCE SPECIFICATIONS:  
T(avg):  $>85\%$  @ AOI  $0^\circ$  FROM 425 - 845nm  
T(avg):  $<1\%$  @ AOI  $0^\circ$  FROM 935 - 1135nm  
T(avg):  $\approx 50\%$  FOR AOI  $0^\circ$  @  $875 \pm 2$ nm  
  
S2: SINGLE LAYER MgF2

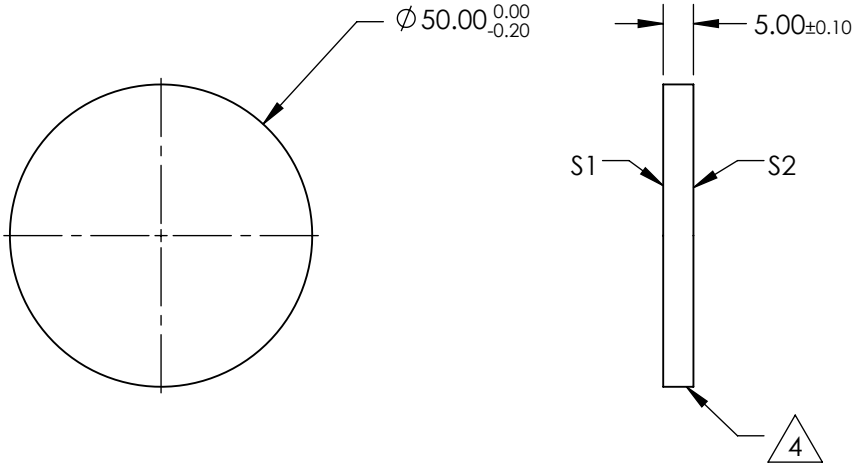
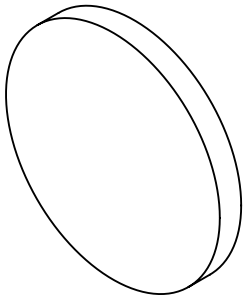
4. FINE GRIND SURFACE

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

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



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



ALL DIMS IN

mm

**Edmund Optics®**

TITLE

OD2, Ø50mm, 875nm, SHORTPASS FILTER

DWG NO

64655

SHEET  
1 OF 1

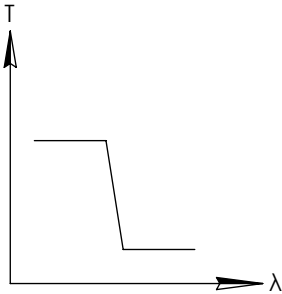
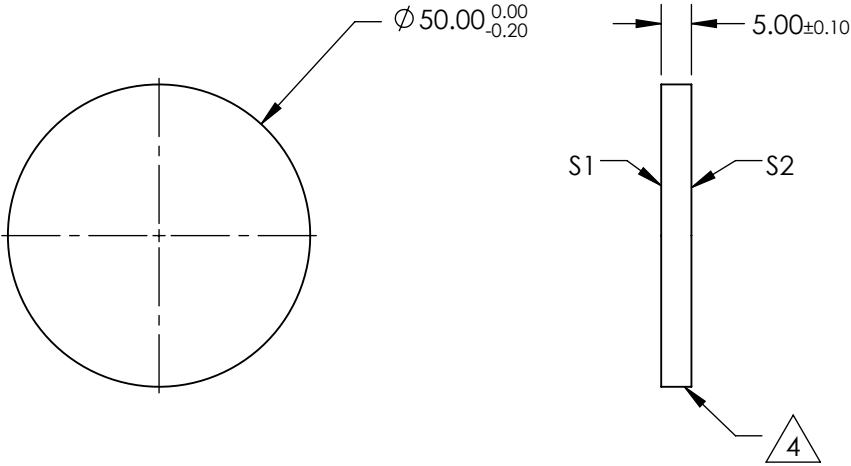
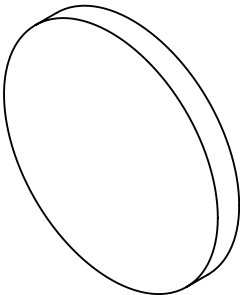
**FOR INFORMATION ONLY:  
DO NOT MANUFACTURE  
PARTS TO THIS DRAWING**

NOTES:

1. SUBSTRATE
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN  $\pm 3$  arcsec
3. COATING (APPLY ACROSS COATING APERTURE)  
DURABILITY:  
PERFORMANCE SPECIFICATIONS:  
T(avg):  $>85\%$  @ AOI  $0^\circ$  FROM 450 - 890nm  
T(avg):  $<1\%$  @ AOI  $0^\circ$  FROM 990 - 1200nm  
T(avg):  $\approx 50\%$  FOR AOI  $0^\circ$  @  $925 \pm 2$ 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



ALL DIMS IN mm

**Edmund Optics®**

TITLE OD2, Ø50mm, 925nm, SHORTPASS FILTER

DWG NO 64656

SHEET  
1 OF 1

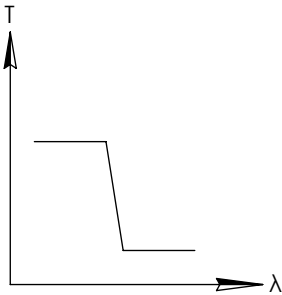
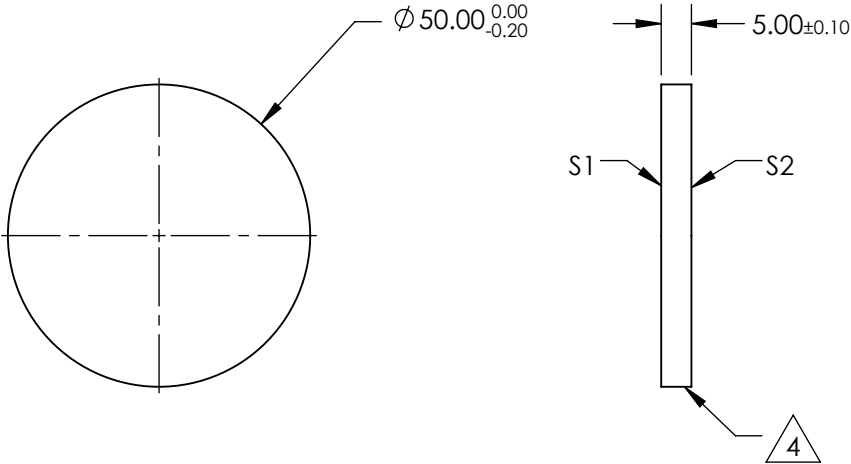
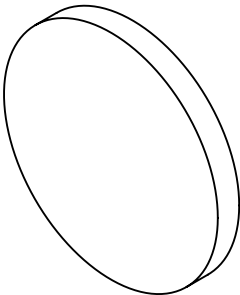
**FOR INFORMATION ONLY:  
DO NOT MANUFACTURE  
PARTS TO THIS DRAWING**

NOTES:

1. SUBSTRATE
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN  $\pm 3$  arcsec
3. COATING (APPLY ACROSS COATING APERTURE)  
DURABILITY:  
PERFORMANCE SPECIFICATIONS:  
T(avg):  $>85\%$  @ AOI  $0^\circ$  FROM 450 - 935nm  
T(avg):  $<1\%$  @ AOI  $0^\circ$  FROM 1050 - 1265nm  
T(avg):  $\approx 50\%$  FOR AOI  $0^\circ$  @  $975 \pm 2$ 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



ALL DIMS IN mm

**Edmund Optics®**

TITLE OD2, Ø50mm, 975nm, SHORTPASS FILTER

DWG NO 64657

SHEET 1 OF 1

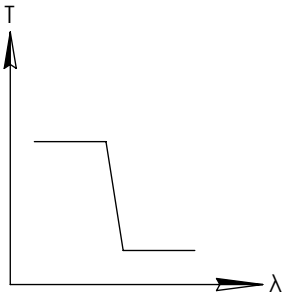
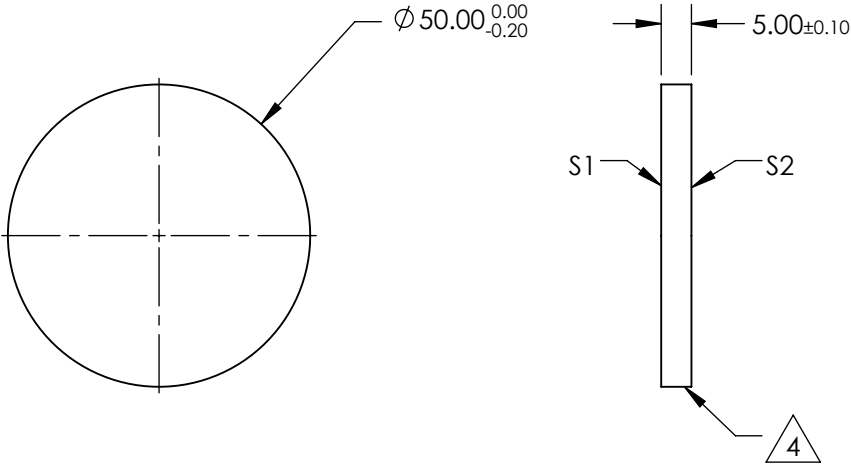
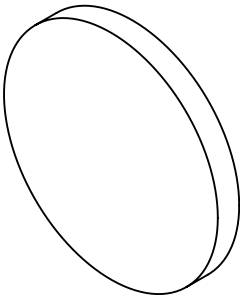
**FOR INFORMATION ONLY:  
DO NOT MANUFACTURE  
PARTS TO THIS DRAWING**

NOTES:

1. SUBSTRATE
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN  $\pm 3$  arcsec
3. COATING (APPLY ACROSS COATING APERTURE)  
DURABILITY:  
PERFORMANCE SPECIFICATIONS:  
T(avg):  $>85\%$  @ AOI  $0^\circ$  FROM 475 - 975nm  
T(avg):  $<1\%$  @ AOI  $0^\circ$  FROM 1110 - 1340nm  
T(avg):  $=50\%$  FOR AOI  $0^\circ$  @ 1025 $\pm$ 2nm  
  
S2: SINGLE LAYER MgF2

**4.** FINE GRIND SURFACE

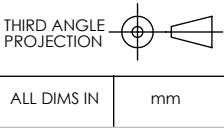
5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS  
APPLY ACROSS CLEAR APERTURE
6. TRANSMITTED WAVEFRONT DISTORTION P-V @ 632.8nm 1/10  $\lambda$
7. ROHS COMPLIANT



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



<b>Edmund Optics®</b>			
TITLE	OD2, Ø50mm, 1025nm, SHORTPASS FILTER		
DWG NO	64658	SHEET 1 OF 1	

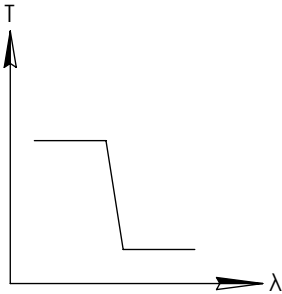
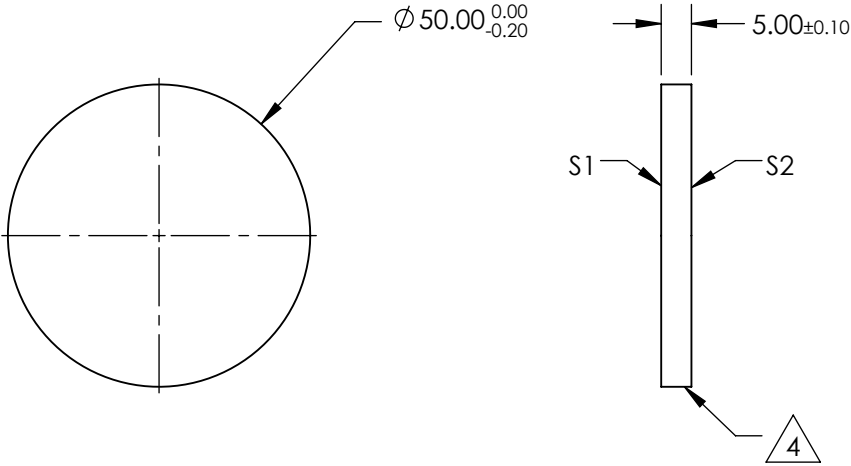
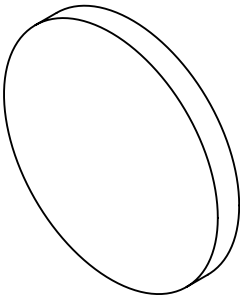
**FOR INFORMATION ONLY:  
DO NOT MANUFACTURE  
PARTS TO THIS DRAWING**

NOTES:

1. SUBSTRATE
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN  $\pm 3$  arcsec
3. COATING (APPLY ACROSS COATING APERTURE)  
DURABILITY:  
PERFORMANCE SPECIFICATIONS:  
T(avg):  $>85\%$  @ AOI  $0^\circ$  FROM 500 - 1025nm  
T(avg):  $<1\%$  @ AOI  $0^\circ$  FROM 1160 - 1410nm  
T(avg):  $\approx 50\%$  FOR AOI  $0^\circ$  @ 1075 $\pm$ 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  $\lambda$
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

**Edmund Optics®**

TITLE

OD2, Ø50mm, 1075nm, SHORTPASS FILTER

DWG NO

64659

SHEET  
1 OF 1

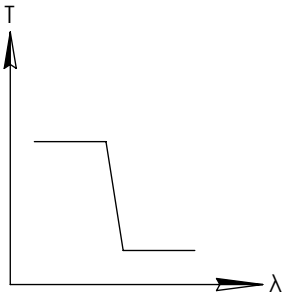
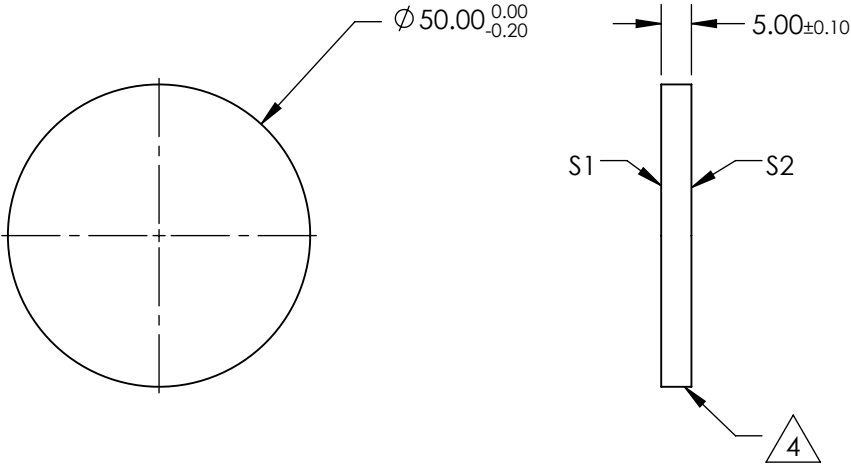
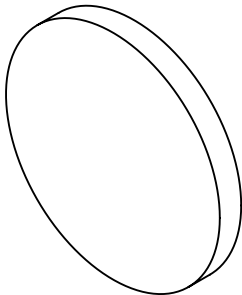
**FOR INFORMATION ONLY:  
DO NOT MANUFACTURE  
PARTS TO THIS DRAWING**

NOTES:

1. SUBSTRATE
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN  $\pm 3$  arcsec
3. COATING (APPLY ACROSS COATING APERTURE)  
DURABILITY:  
PERFORMANCE SPECIFICATIONS:  
T(avg):  $>85\%$  @ AOI  $0^\circ$  FROM 525 - 1075nm  
T(avg):  $<1\%$  @ AOI  $0^\circ$  FROM 1210 - 1470nm  
T(avg):  $\approx 50\%$  FOR AOI  $0^\circ$  @ 1125 $\pm$ 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  $\lambda$
7. ROHS COMPLIANT

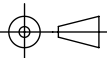


SHORTPASS FILTER

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



**Edmund Optics®**

TITLE

OD2, Ø50mm, 1125nm, SHORTPASS FILTER

DWG NO

64660

SHEET  
1 OF 1

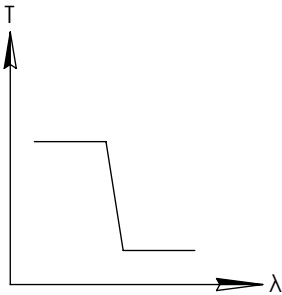
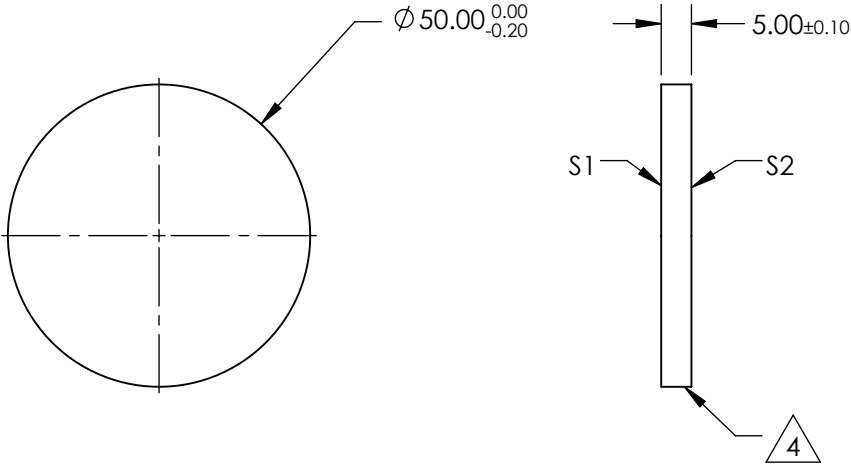
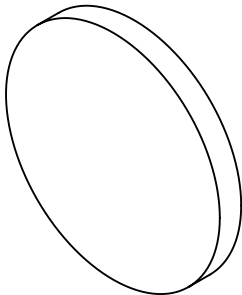
**FOR INFORMATION ONLY:  
DO NOT MANUFACTURE  
PARTS TO THIS DRAWING**

NOTES:

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

**4.** FINE GRIND SURFACE

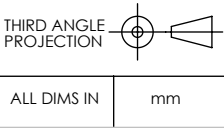
5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS  
APPLY ACROSS CLEAR APERTURE
6. TRANSMITTED WAVEFRONT DISTORTION P-V @ 632.8nm  $1/10 \lambda$
7. ROHS COMPLIANT



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



**Edmund Optics®**

TITLE OD2, Ø50mm, 400nm, SHORTPASS FILTER

DWG NO 64661

SHEET  
1 OF 1



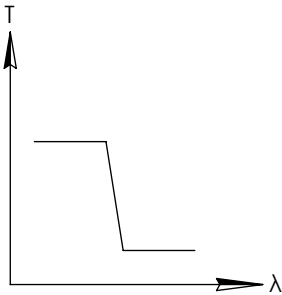
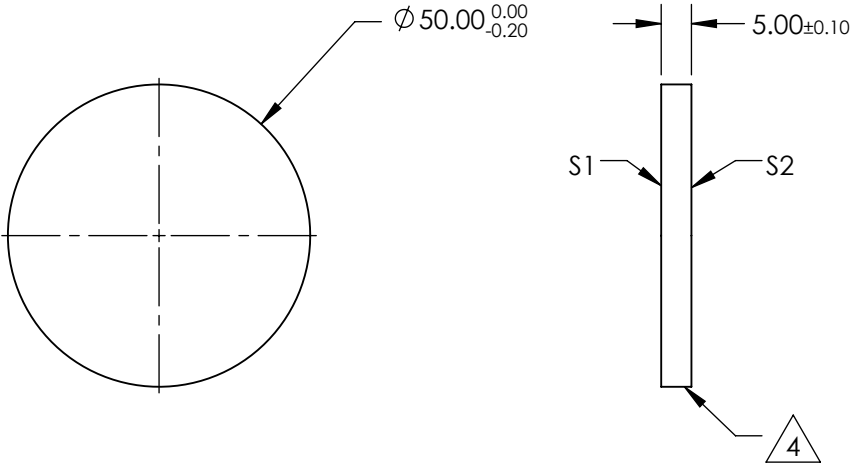
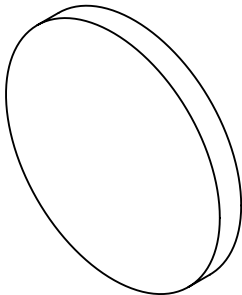
**FOR INFORMATION ONLY:  
DO NOT MANUFACTURE  
PARTS TO THIS DRAWING**

NOTES:

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



ALL DIMS IN mm

**Edmund Optics®**

TITLE OD2, Ø50mm, 450nm, SHORTPASS FILTER

DWG NO 64662

SHEET  
1 OF 1

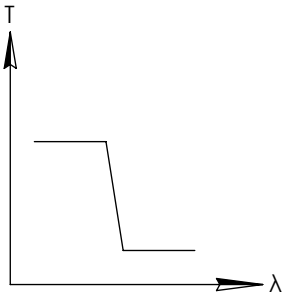
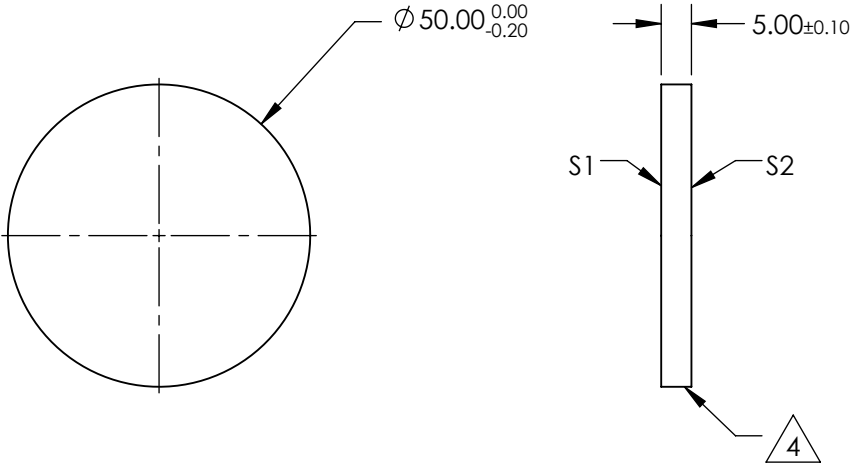
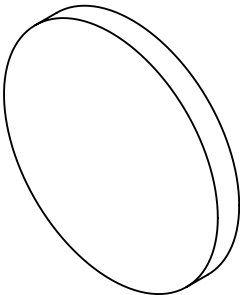
**FOR INFORMATION ONLY:  
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PARTS TO THIS DRAWING**

NOTES:

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



ALL DIMS IN mm

**Edmund Optics®**

TITLE OD2, Ø50mm, 500nm, SHORTPASS FILTER

DWG NO 64663

SHEET 1 OF 1

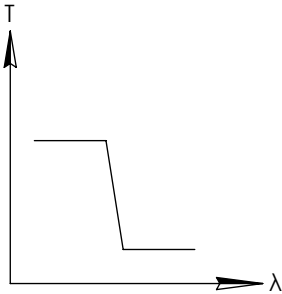
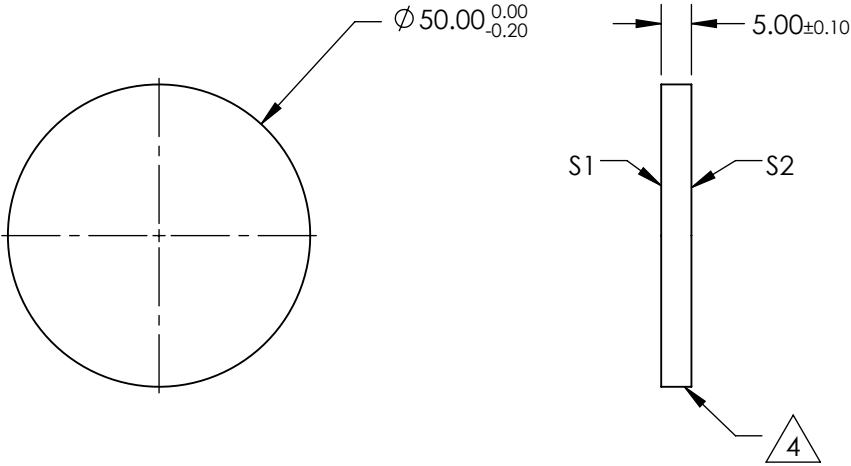
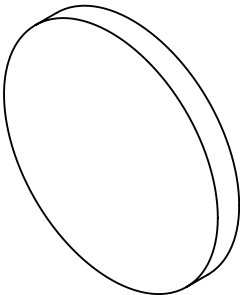
**FOR INFORMATION ONLY:  
DO NOT MANUFACTURE  
PARTS TO THIS DRAWING**

NOTES:

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



ALL DIMS IN mm

**Edmund Optics®**

TITLE OD2, Ø50mm, 550nm, SHORTPASS FILTER

DWG NO 64664

SHEET  
1 OF 1

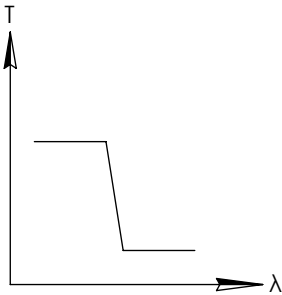
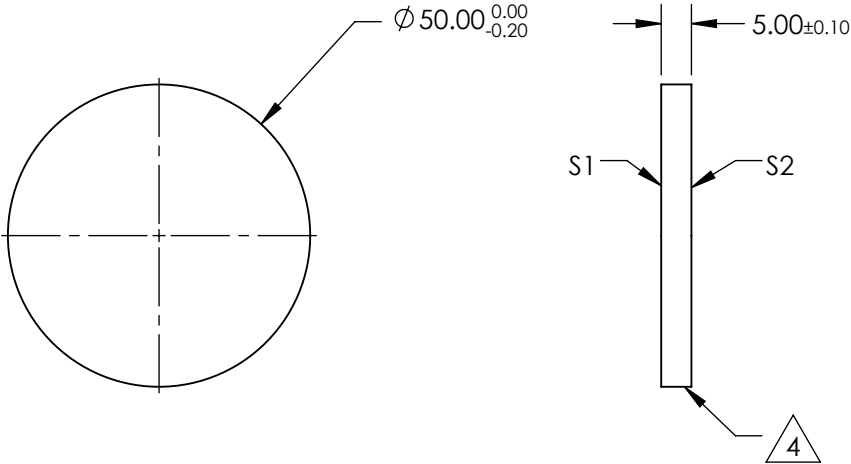
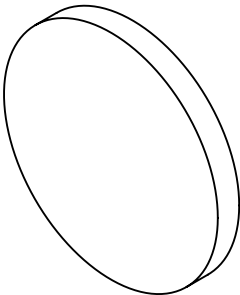
**FOR INFORMATION ONLY:  
DO NOT MANUFACTURE  
PARTS TO THIS DRAWING**

NOTES:

1. SUBSTRATE
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN  $\pm 3$  arcsec
3. COATING (APPLY ACROSS COATING APERTURE)  
DURABILITY:  
PERFORMANCE SPECIFICATIONS:  
T(avg):  $>85\%$  @ AOI  $0^\circ$  FROM 400 - 580nm  
T(avg):  $<1\%$  @ AOI  $0^\circ$  FROM 625 - 795nm  
T(avg):  $\approx 50\%$  FOR AOI  $0^\circ$  @  $600 \pm 2$ nm  
  
S2: SINGLE LAYER MgF2

**4.** FINE GRIND SURFACE

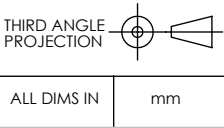
5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS  
APPLY ACROSS CLEAR APERTURE
6. TRANSMITTED WAVEFRONT DISTORTION P-V @ 632.8nm  $1/10 \lambda$
7. ROHS COMPLIANT



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



TITLE	OD2, Ø50mm, 600nm, SHORTPASS FILTER		
DWG NO	64665	SHEET 1 OF 1	

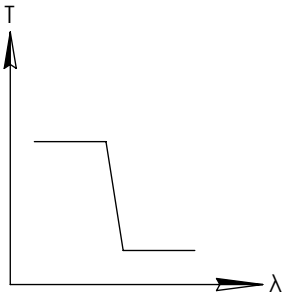
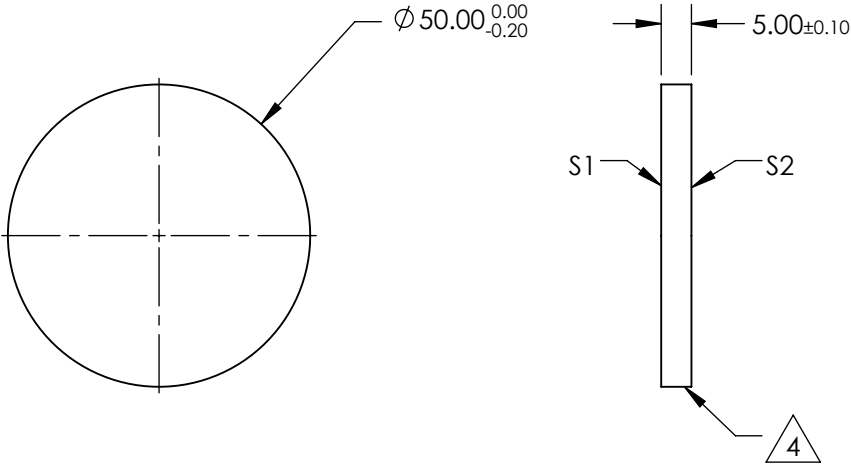
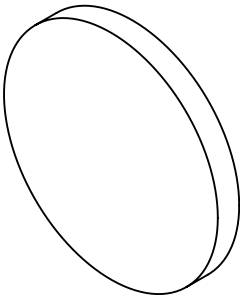
**FOR INFORMATION ONLY:  
DO NOT MANUFACTURE  
PARTS TO THIS DRAWING**

NOTES:

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



ALL DIMS IN

mm

**Edmund Optics®**

TITLE

OD2, Ø50mm, 650nm, SHORTPASS FILTER

DWG NO

64666

SHEET  
1 OF 1

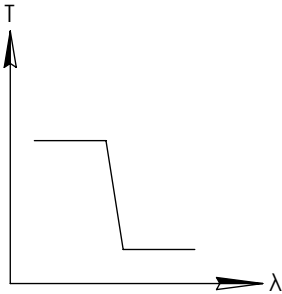
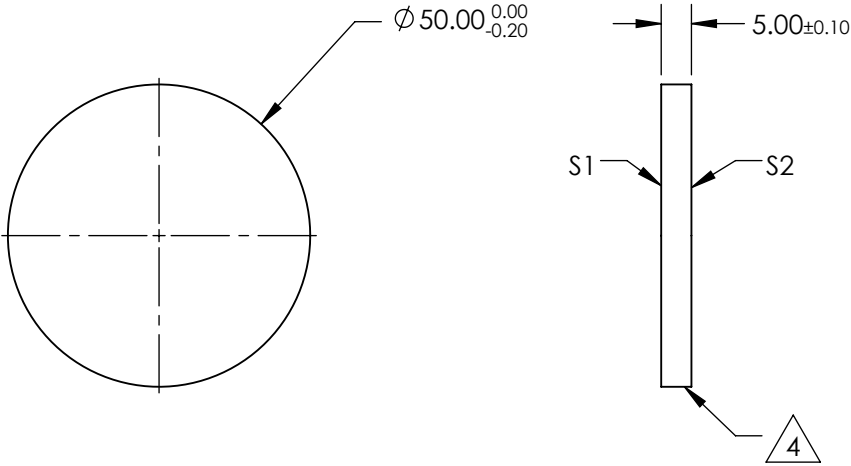
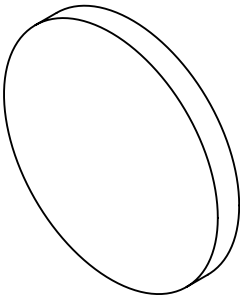
**FOR INFORMATION ONLY:  
DO NOT MANUFACTURE  
PARTS TO THIS DRAWING**

NOTES:

1. SUBSTRATE
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN  $\pm 3$  arcsec
3. COATING (APPLY ACROSS COATING APERTURE)  
DURABILITY:  
PERFORMANCE SPECIFICATIONS:  
T(avg):  $>85\%$  @ AOI  $0^\circ$  FROM 400 - 680nm  
T(avg):  $<1\%$  @ AOI  $0^\circ$  FROM 725 - 900nm  
T(avg):  $\approx 50\%$  FOR AOI  $0^\circ$  @  $700 \pm 2$ nm  
  
S2: SINGLE LAYER MgF2

**4.** FINE GRIND SURFACE

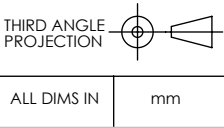
5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS  
APPLY ACROSS CLEAR APERTURE
6. TRANSMITTED WAVEFRONT DISTORTION P-V @ 632.8nm  $1/10 \lambda$
7. ROHS COMPLIANT



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



**Edmund Optics®**

TITLE OD2, Ø50mm, 700nm, SHORTPASS FILTER

DWG NO 64667

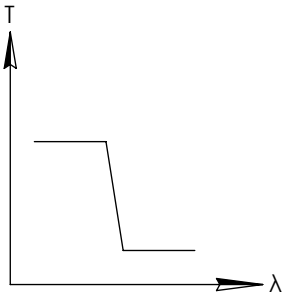
SHEET  
1 OF 1

NOTES:

1. SUBSTRATE
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN  $\pm 3$  arcsec
3. COATING (APPLY ACROSS COATING APERTURE)  
DURABILITY:  
PERFORMANCE SPECIFICATIONS:  
T(avg):  $>85\%$  @ AOI  $0^\circ$  FROM 400 - 725nm  
T(avg):  $<1\%$  @ AOI  $0^\circ$  FROM 800 - 990nm  
T(avg):  $\approx 50\%$  FOR AOI  $0^\circ$  @  $750 \pm 2$ nm  
  
S2: SINGLE LAYER MgF2

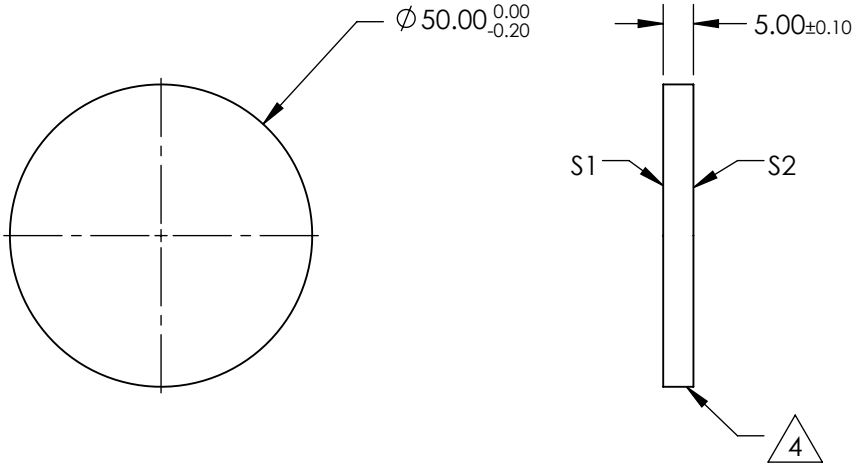
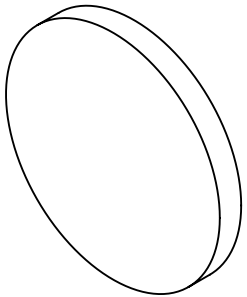
4. FINE GRIND SURFACE

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

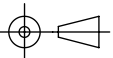
**FOR INFORMATION ONLY:  
DO NOT MANUFACTURE  
PARTS TO THIS DRAWING**



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

**Edmund Optics®**

TITLE

OD2, Ø50mm, 750nm, SHORTPASS FILTER

DWG NO

64668

SHEET  
1 OF 1

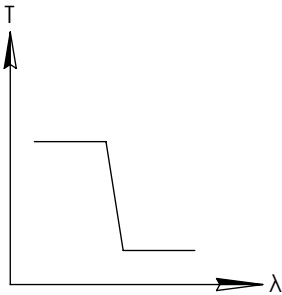
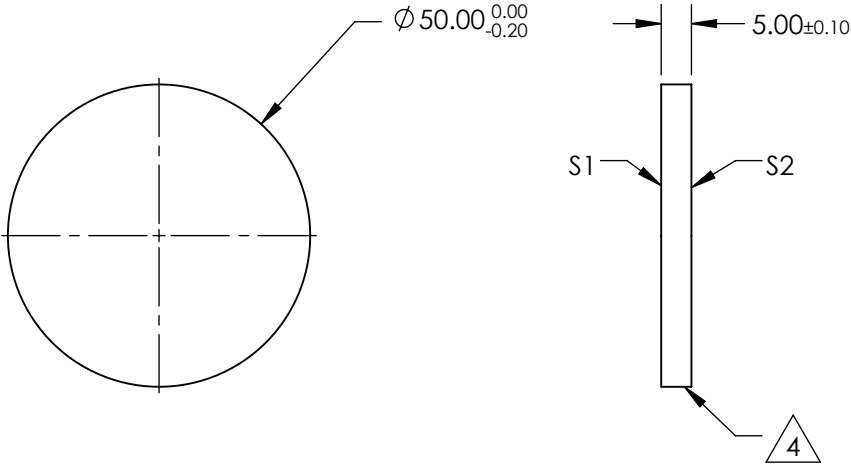
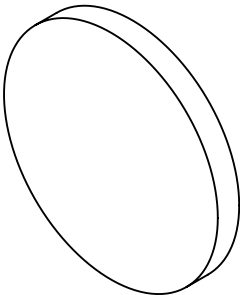
**FOR INFORMATION ONLY:  
DO NOT MANUFACTURE  
PARTS TO THIS DRAWING**

NOTES:

1. SUBSTRATE
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN  $\pm 3$  arcsec
3. COATING (APPLY ACROSS COATING APERTURE)  
DURABILITY:  
PERFORMANCE SPECIFICATIONS:  
T(avg):  $>85\%$  @ AOI  $0^\circ$  FROM 400 - 775nm  
T(avg):  $<1\%$  @ AOI  $0^\circ$  FROM 850 - 1050nm  
T(avg):  $\approx 50\%$  FOR AOI  $0^\circ$  @  $800 \pm 2$ 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



ALL DIMS IN mm

**Edmund Optics®**

TITLE	OD2, Ø50mm, 800nm, SHORTPASS FILTER		
DWG NO	64669	SHEET 1 OF 1	

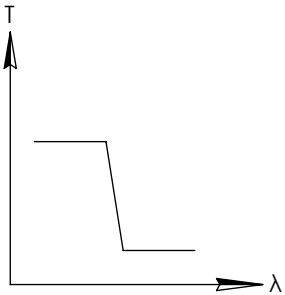


NOTES:

1. SUBSTRATE
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN  $\pm 3$  arcsec
3. COATING (APPLY ACROSS COATING APERTURE)  
DURABILITY:  
PERFORMANCE SPECIFICATIONS:  
T(avg):  $>85\%$  @ AOI  $0^\circ$  FROM 400 - 820nm  
T(avg):  $<1\%$  @ AOI  $0^\circ$  FROM 910 - 1110nm  
T(avg):  $\approx 50\%$  FOR AOI  $0^\circ$  @  $850\pm 2$ nm  
  
S2: SINGLE LAYER MgF2

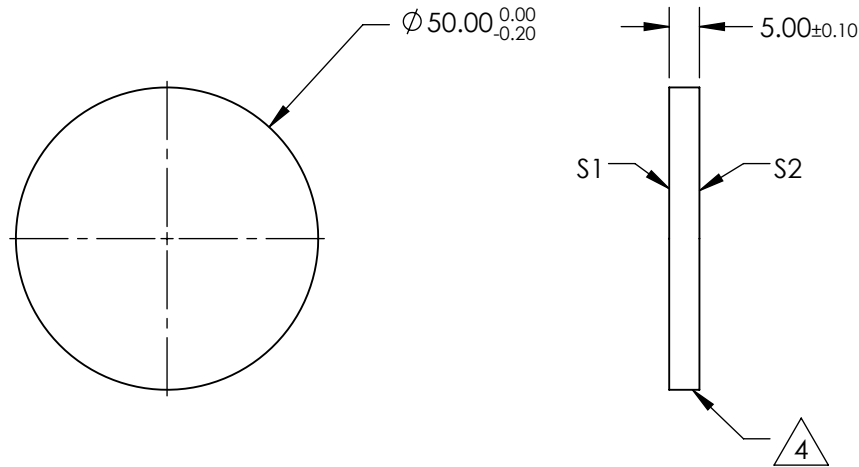
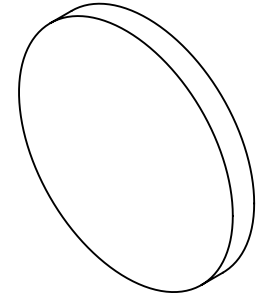
4. FINE GRIND SURFACE

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

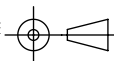
**FOR INFORMATION ONLY:  
DO NOT MANUFACTURE  
PARTS TO THIS DRAWING**



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

**Edmund Optics®**

TITLE

OD2, Ø50mm, 850nm, SHORTPASS FILTER

DWG NO

64670

SHEET  
1 OF 1

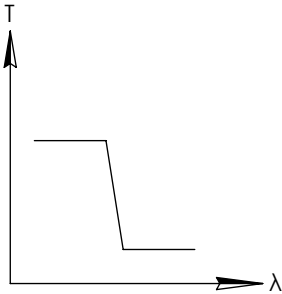
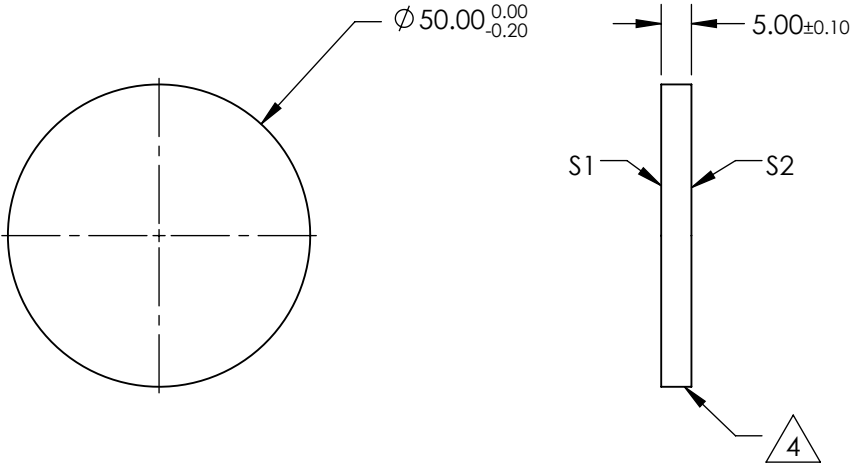
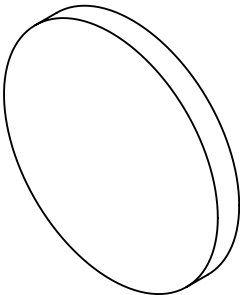
**FOR INFORMATION ONLY:  
DO NOT MANUFACTURE  
PARTS TO THIS DRAWING**

NOTES:

1. SUBSTRATE
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN  $\pm 3$  arcsec
3. COATING (APPLY ACROSS COATING APERTURE)  
DURABILITY:  
PERFORMANCE SPECIFICATIONS:  
T(avg):  $>85\%$  @ AOI  $0^\circ$  FROM 425 - 865nm  
T(avg):  $<1\%$  @ AOI  $0^\circ$  FROM 960 - 1170nm  
T(avg):  $\approx 50\%$  FOR AOI  $0^\circ$  @  $900 \pm 2$ 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



ALL DIMS IN

mm

**Edmund Optics®**

TITLE

OD2, Ø50mm, 900nm, SHORTPASS FILTER

DWG NO

64671

SHEET  
1 OF 1

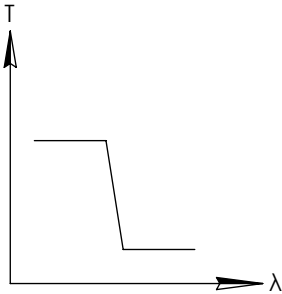
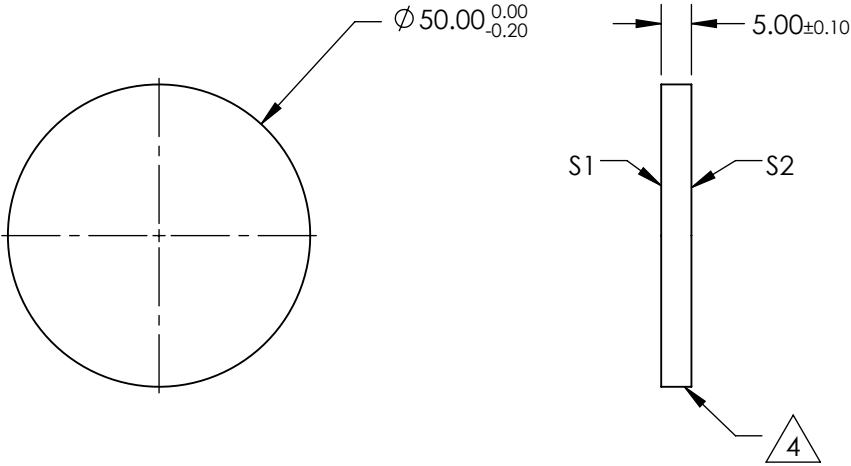
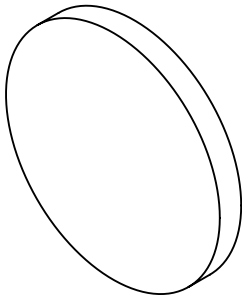
**FOR INFORMATION ONLY:  
DO NOT MANUFACTURE  
PARTS TO THIS DRAWING**

NOTES:

1. SUBSTRATE
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN  $\pm 3$  arcsec
3. COATING (APPLY ACROSS COATING APERTURE)  
DURABILITY:  
PERFORMANCE SPECIFICATIONS:  
T(avg):  $>85\%$  @ AOI  $0^\circ$  FROM 450 - 910nm  
T(avg):  $<1\%$  @ AOI  $0^\circ$  FROM 1025 - 1235nm  
T(avg):  $\approx 50\%$  FOR AOI  $0^\circ$  @  $950 \pm 2$ 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, 950nm, SHORTPASS FILTER

DWG NO

64672

SHEET  
1 OF 1

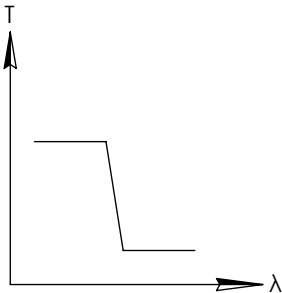
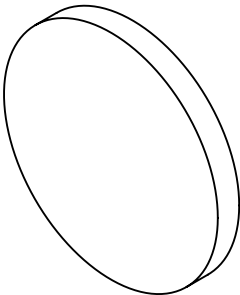
**FOR INFORMATION ONLY:  
DO NOT MANUFACTURE  
PARTS TO THIS DRAWING**

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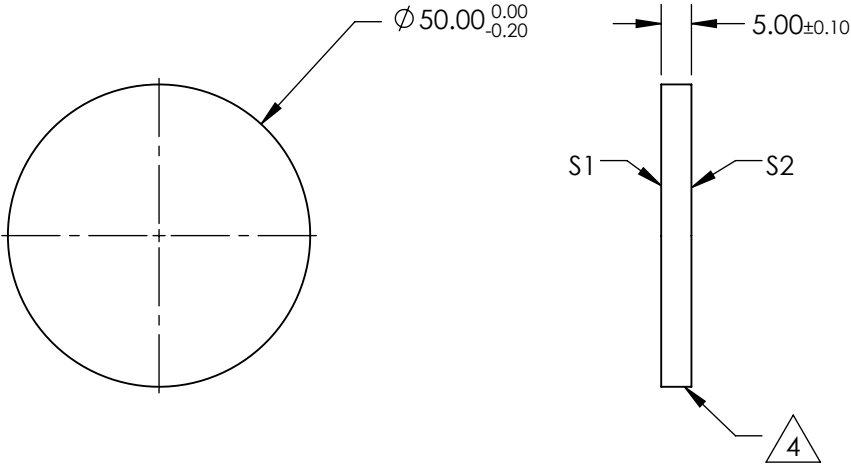
1. SUBSTRATE
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN  $\pm 3$  arcsec
3. COATING (APPLY ACROSS COATING APERTURE)  
DURABILITY:  
PERFORMANCE SPECIFICATIONS:  
T(avg):  $>85\%$  @ AOI  $0^\circ$  FROM 465 - 940nm  
T(avg):  $<1\%$  @ AOI  $0^\circ$  FROM 1085 - 1305nm  
T(avg):  $=50\%$  FOR AOI  $0^\circ$  @ 1000 $\pm$ 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  $\lambda$
7. ROHS COMPLIANT



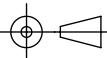
SHORTPASS FILTER



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



**Edmund Optics®**

TITLE

OD2, Ø50mm, 1000nm, SHORTPASS FILTER

DWG NO

64673

SHEET  
1 OF 1

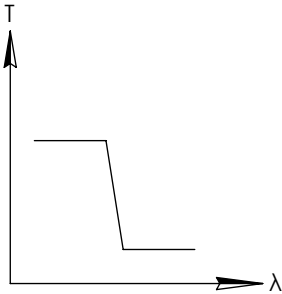
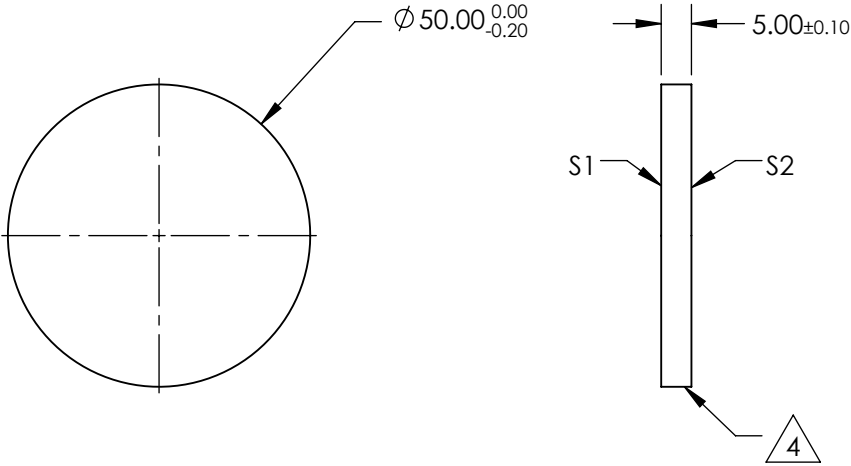
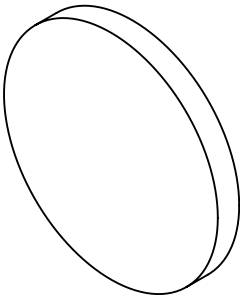
**FOR INFORMATION ONLY:  
DO NOT MANUFACTURE  
PARTS TO THIS DRAWING**

NOTES:

1. SUBSTRATE
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN  $\pm 3$  arcsec
3. COATING (APPLY ACROSS COATING APERTURE)  
DURABILITY:  
PERFORMANCE SPECIFICATIONS:  
T(avg):  $>85\%$  @ AOI  $0^\circ$  FROM 485 - 1000nm  
T(avg):  $<1\%$  @ AOI  $0^\circ$  FROM 1130 - 1370nm  
T(avg):  $\approx 50\%$  FOR AOI  $0^\circ$  @ 1050 $\pm$ 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  $\lambda$
7. ROHS COMPLIANT

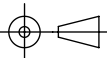


SHORTPASS FILTER

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



**Edmund Optics®**

TITLE

OD2, Ø50mm, 1050nm, SHORTPASS FILTER

DWG NO

64674

SHEET  
1 OF 1

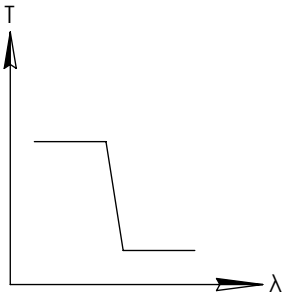
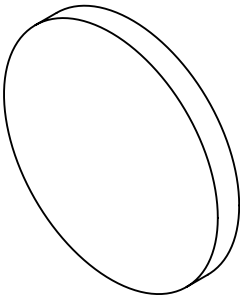
**FOR INFORMATION ONLY:  
DO NOT MANUFACTURE  
PARTS TO THIS DRAWING**

NOTES:

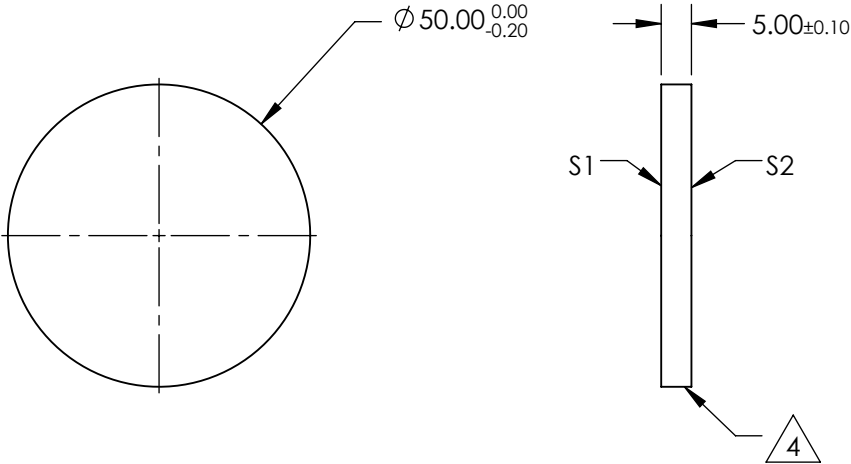
1. SUBSTRATE
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN  $\pm 3$  arcsec
3. COATING (APPLY ACROSS COATING APERTURE)  
DURABILITY:  
PERFORMANCE SPECIFICATIONS:  
T(avg):  $>85\%$  @ AOI  $0^\circ$  FROM 510 - 1050nm  
T(avg):  $<1\%$  @ AOI  $0^\circ$  FROM 1180 - 1440nm  
T(avg):  $\approx 50\%$  FOR AOI  $0^\circ$  @  $1100 \pm 2$ 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



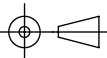
SHORTPASS FILTER



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



**Edmund Optics®**

TITLE

OD2, Ø50mm, 1100nm, SHORTPASS FILTER

DWG NO

64675

SHEET  
1 OF 1

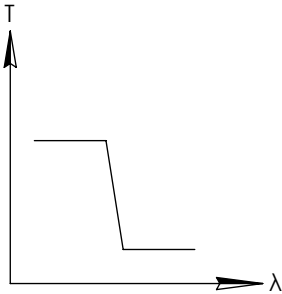
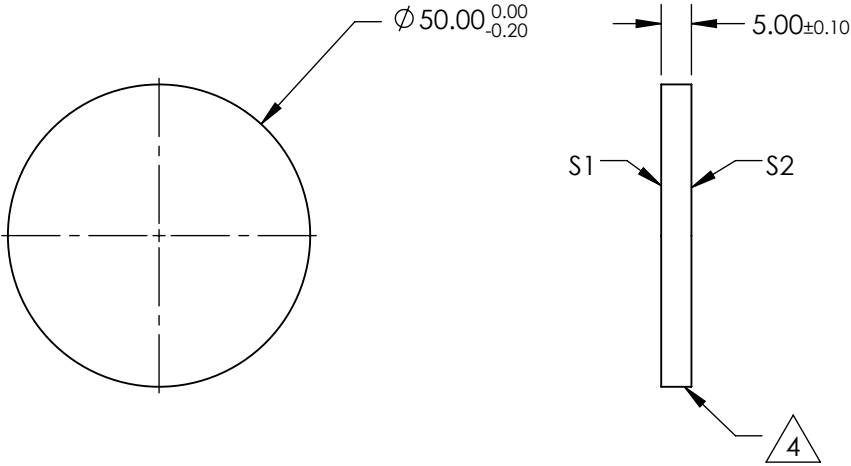
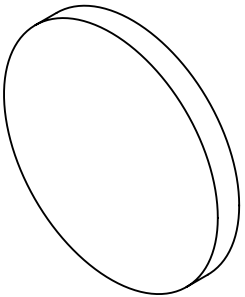
**FOR INFORMATION ONLY:  
DO NOT MANUFACTURE  
PARTS TO THIS DRAWING**

NOTES:

1. SUBSTRATE
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN  $\pm 3$  arcsec
3. COATING (APPLY ACROSS COATING APERTURE)  
DURABILITY:  
PERFORMANCE SPECIFICATIONS:  
T(avg):  $>85\%$  @ AOI  $0^\circ$  FROM 525 - 1100nm  
T(avg):  $<1\%$  @ AOI  $0^\circ$  FROM 1240 - 1510nm  
T(avg):  $\approx 50\%$  FOR AOI  $0^\circ$  @ 1150 $\pm 2$ 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

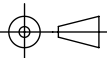


SHORTPASS FILTER

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



**Edmund Optics®**

TITLE

OD2, Ø50mm, 1150nm, SHORTPASS FILTER

DWG NO

67291

SHEET  
1 OF 1

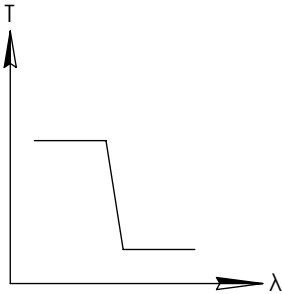
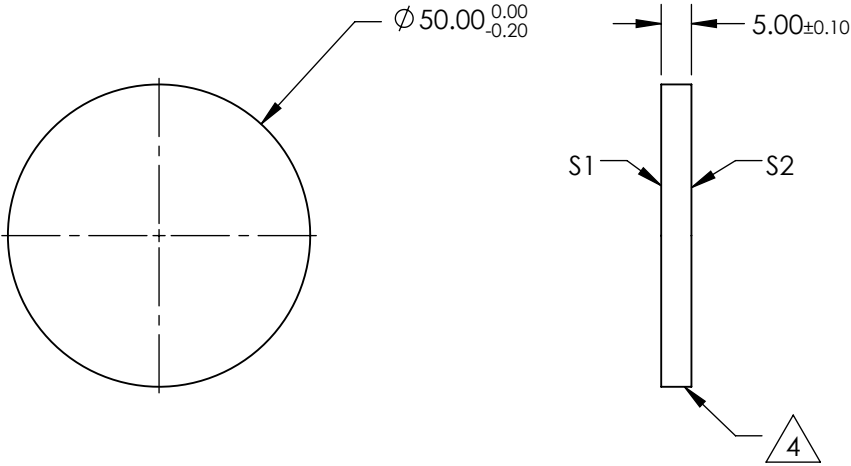
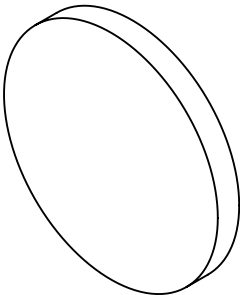
**FOR INFORMATION ONLY:  
DO NOT MANUFACTURE  
PARTS TO THIS DRAWING**

NOTES:

1. SUBSTRATE
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN  $\pm 3$  arcsec
3. COATING (APPLY ACROSS COATING APERTURE)  
DURABILITY:  
PERFORMANCE SPECIFICATIONS:  
T(avg):  $>85\%$  @ AOI  $0^\circ$  FROM 550 - 1125nm  
T(avg):  $<1\%$  @ AOI  $0^\circ$  FROM 1265 - 1540nm  
T(avg):  $\approx 50\%$  FOR AOI  $0^\circ$  @ 1175 $\pm$ 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  $\lambda$
7. ROHS COMPLIANT

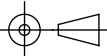


SHORTPASS FILTER

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



**Edmund Optics®**

TITLE

OD2, Ø50mm, 1175nm, SHORTPASS FILTER

DWG NO

67292

SHEET  
1 OF 1



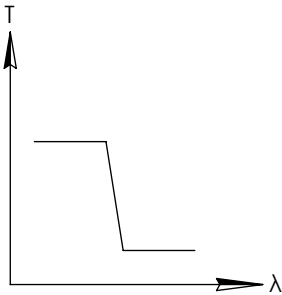
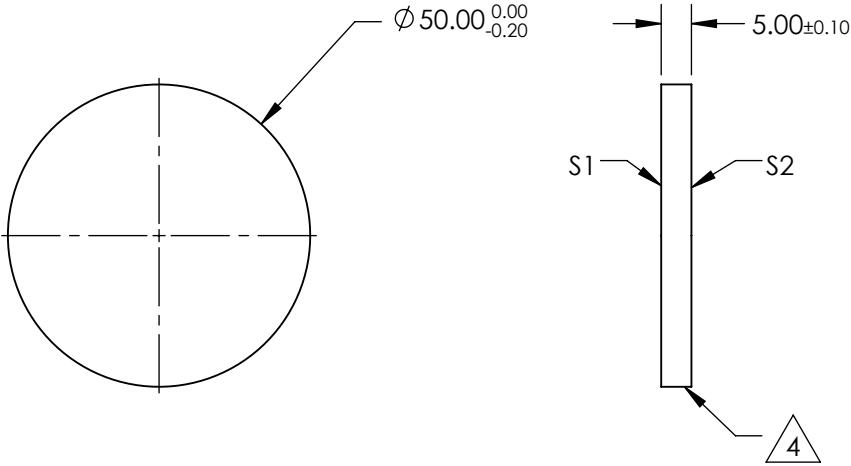
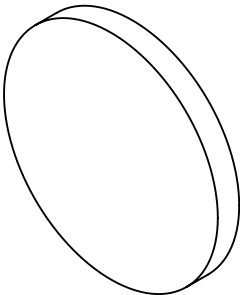
**FOR INFORMATION ONLY:  
DO NOT MANUFACTURE  
PARTS TO THIS DRAWING**

NOTES:

1. SUBSTRATE
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN  $\pm 3$  arcsec
3. COATING (APPLY ACROSS COATING APERTURE)  
DURABILITY:  
PERFORMANCE SPECIFICATIONS:  
T(avg):  $>85\%$  @ AOI  $0^\circ$  FROM 550 - 1150nm  
T(avg):  $<1\%$  @ AOI  $0^\circ$  FROM 1290 - 1575nm  
T(avg):  $\approx 50\%$  FOR AOI  $0^\circ$  @ 1200 $\pm$ 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  $\lambda$
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

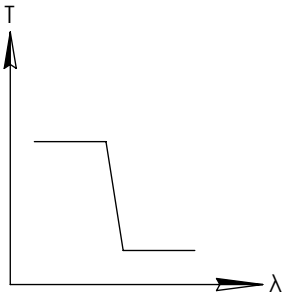
THIRD ANGLE PROJECTION		Edmund Optics®	
ALL DIMS IN mm		TITLE	OD2, Ø50mm, 1200nm, SHORTPASS FILTER
		DWG NO	67293
		SHEET 1 OF 1	

NOTES:

1. SUBSTRATE
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN  $\pm 3$  arcsec
3. COATING (APPLY ACROSS COATING APERTURE)  
DURABILITY:  
PERFORMANCE SPECIFICATIONS:  
T(avg):  $>85\%$  @ AOI  $0^\circ$  FROM 575 - 1200nm  
T(avg):  $<1\%$  @ AOI  $0^\circ$  FROM 1340 - 1625nm  
T(avg):  $=50\%$  FOR AOI  $0^\circ$  @ 1250 $\pm$ 2nm  
  
S2: SINGLE LAYER MgF2

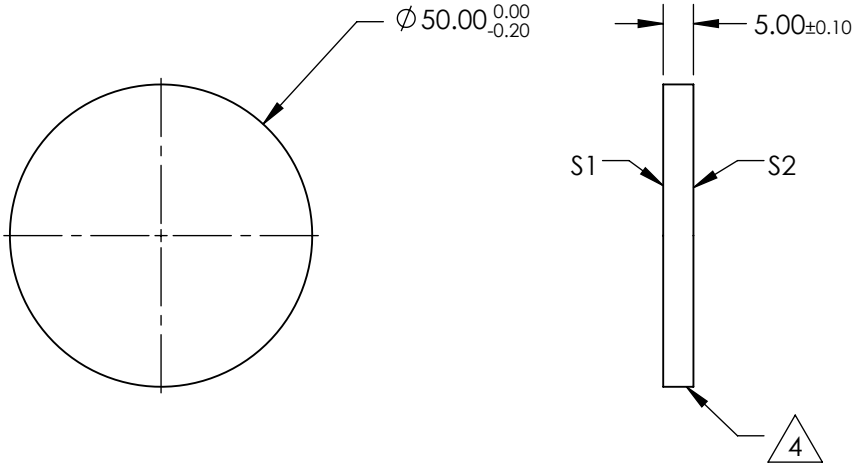
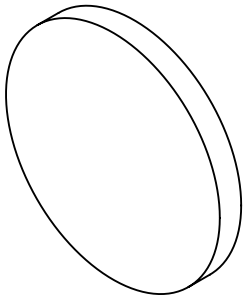
4. FINE GRIND SURFACE

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



SHORTPASS FILTER

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



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

TITLE	OD2, Ø50mm, 1250nm, SHORTPASS FILTER		
DWG NO	84657	SHEET 1 OF 1	

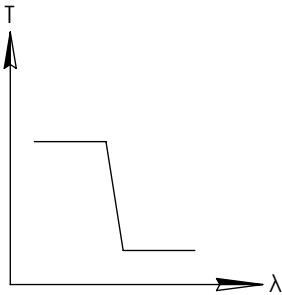
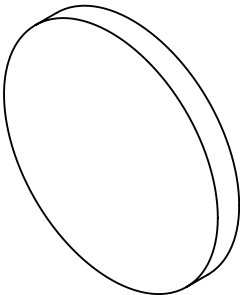
**FOR INFORMATION ONLY:  
DO NOT MANUFACTURE  
PARTS TO THIS DRAWING**

NOTES:

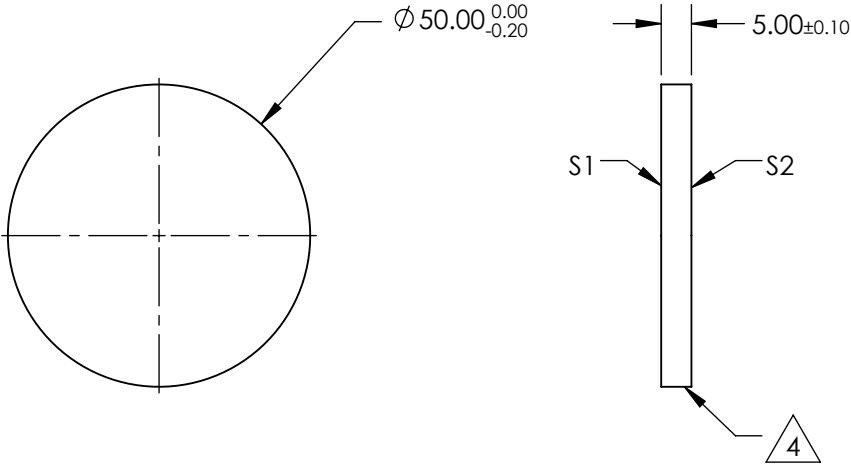
1. SUBSTRATE
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN  $\pm 3$  arcsec
3. COATING (APPLY ACROSS COATING APERTURE)  
DURABILITY:  
PERFORMANCE SPECIFICATIONS:  
T(avg):  $>85\%$  @ AOI  $0^\circ$  FROM 600 - 1250nm  
T(avg):  $<1\%$  @ AOI  $0^\circ$  FROM 1390 - 1675nm  
T(avg):  $\approx 50\%$  FOR AOI  $0^\circ$  @ 1300 $\pm$ 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  $\lambda$
7. ROHS COMPLIANT



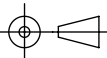
SHORTPASS FILTER



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



**Edmund Optics®**

TITLE

OD2, Ø50mm, 1300nm, SHORTPASS FILTER

DWG NO

84658

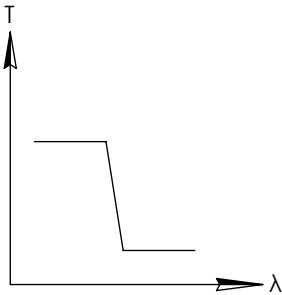
SHEET  
1 OF 1

NOTES:

1. SUBSTRATE
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN  $\pm 3$  arcsec
3. COATING (APPLY ACROSS COATING APERTURE)  
DURABILITY:  
PERFORMANCE SPECIFICATIONS:  
T(avg):  $>85\%$  @ AOI  $0^\circ$  FROM 625 - 1300nm  
T(avg):  $<1\%$  @ AOI  $0^\circ$  FROM 1440 - 1750nm  
T(avg):  $\approx 50\%$  FOR AOI  $0^\circ$  @ 1350 $\pm 2$ nm  
  
S2: SINGLE LAYER MgF2

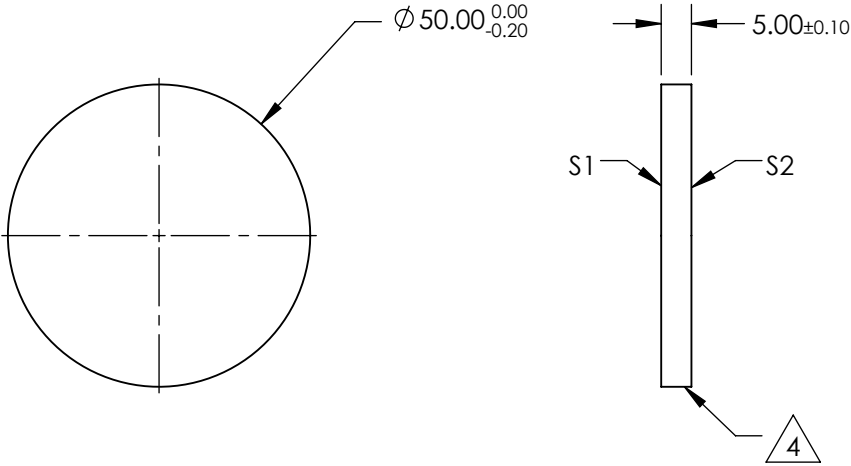
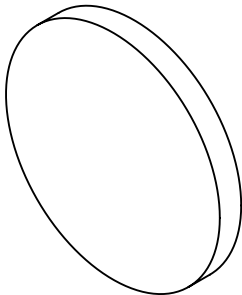
4. FINE GRIND SURFACE

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

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



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

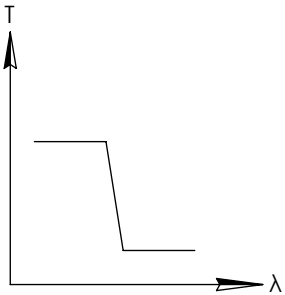
TITLE	OD2, Ø50mm, 1350nm, SHORTPASS FILTER		
DWG NO	84659	SHEET 1 OF 1	

NOTES:

1. SUBSTRATE
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN  $\pm 3$  arcsec
3. COATING (APPLY ACROSS COATING APERTURE)  
DURABILITY:  
PERFORMANCE SPECIFICATIONS:  
T(avg):  $>85\%$  @ AOI  $0^\circ$  FROM 660 - 1340nm  
T(avg):  $<1\%$  @ AOI  $0^\circ$  FROM 1490 - 1800nm  
T(avg):  $\approx 50\%$  FOR AOI  $0^\circ$  @ 1400 $\pm$ 2nm  
  
S2: SINGLE LAYER MgF2

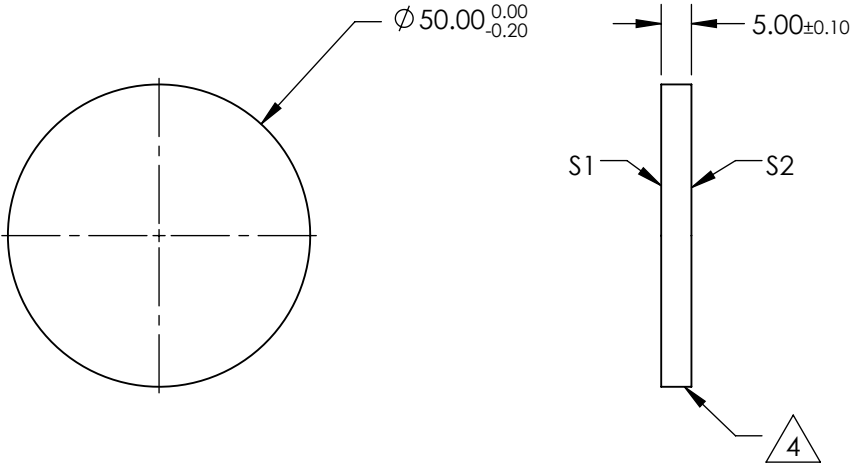
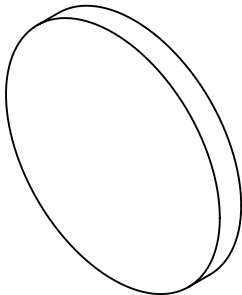
4. FINE GRIND SURFACE

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



SHORTPASS FILTER

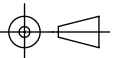
**FOR INFORMATION ONLY:  
DO NOT MANUFACTURE  
PARTS TO THIS DRAWING**



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

**Edmund Optics®**

TITLE

OD2, Ø50mm, 1400nm, SHORTPASS FILTER

DWG NO

84660

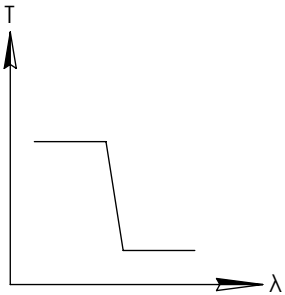
SHEET  
1 OF 1

NOTES:

1. SUBSTRATE
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN  $\pm 3$  arcsec
3. COATING (APPLY ACROSS COATING APERTURE)  
DURABILITY:  
PERFORMANCE SPECIFICATIONS:  
T(avg):  $>85\%$  @ AOI  $0^\circ$  FROM 695 - 1390nm  
T(avg):  $<1\%$  @ AOI  $0^\circ$  FROM 1550 - 1850nm  
T(avg):  $=50\%$  FOR AOI  $0^\circ$  @ 1450 $\pm$ 2nm  
  
S2: SINGLE LAYER MgF2

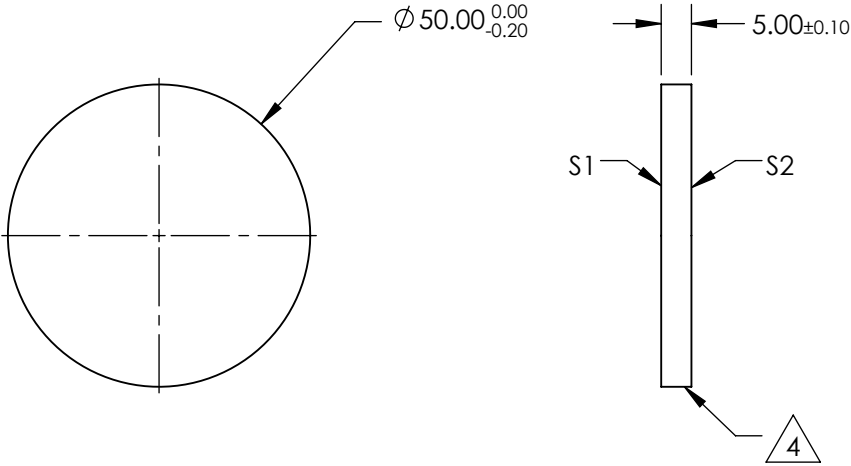
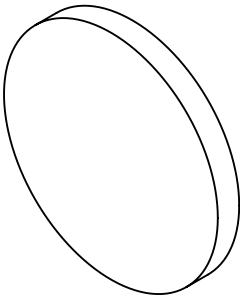
4. FINE GRIND SURFACE

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



SHORTPASS FILTER

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



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



ALL DIMS IN mm

**Edmund Optics®**

TITLE OD2, Ø50mm, 1450nm, SHORTPASS FILTER

DWG NO 84661

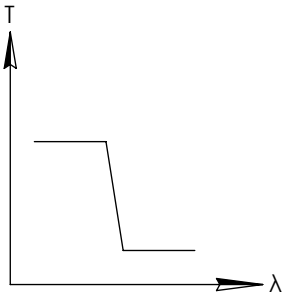
SHEET  
1 OF 1

NOTES:

1. SUBSTRATE
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN  $\pm 3$  arcsec
3. COATING (APPLY ACROSS COATING APERTURE)  
DURABILITY:  
PERFORMANCE SPECIFICATIONS:  
T(avg):  $>85\%$  @ AOI  $0^\circ$  FROM 725 - 1440nm  
T(avg):  $<1\%$  @ AOI  $0^\circ$  FROM 1600 - 1910nm  
T(avg):  $\approx 50\%$  FOR AOI  $0^\circ$  @ 1500 $\pm$ 2nm  
  
S2: SINGLE LAYER MgF2

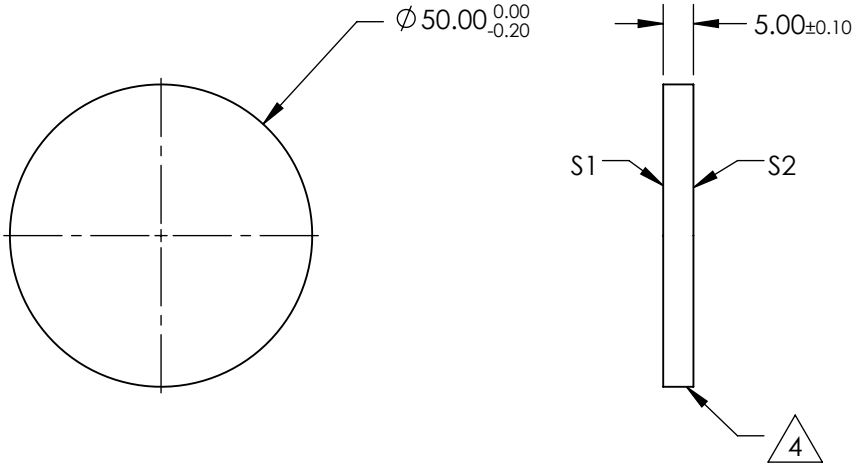
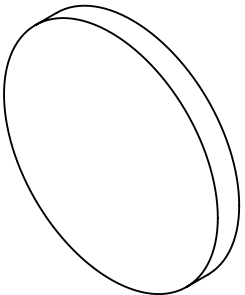
4. FINE GRIND SURFACE

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



SHORTPASS FILTER

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




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

 **Edmund Optics®**

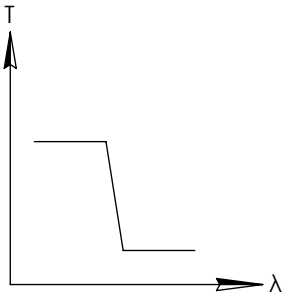
TITLE	OD2, Ø50mm, 1500nm, SHORTPASS FILTER		
DWG NO	84662	SHEET 1 OF 1	

NOTES:

1. SUBSTRATE
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN  $\pm 3$  arcsec
3. COATING (APPLY ACROSS COATING APERTURE)  
DURABILITY:  
PERFORMANCE SPECIFICATIONS:  
T(avg):  $>85\%$  @ AOI  $0^\circ$  FROM 765 - 1490nm  
T(avg):  $<1\%$  @ AOI  $0^\circ$  FROM 1650 - 1960nm  
T(avg):  $\approx 50\%$  FOR AOI  $0^\circ$  @ 1550 $\pm 2$ nm  
  
S2: SINGLE LAYER MgF2

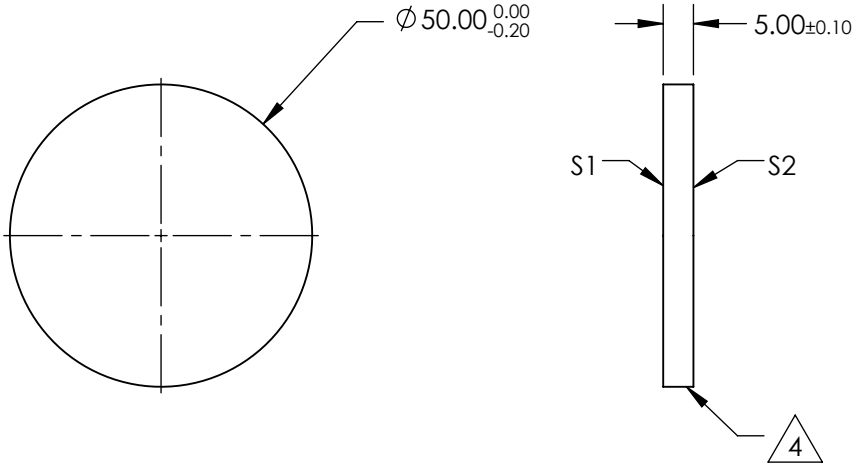
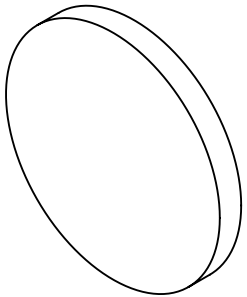
4. FINE GRIND SURFACE

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

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



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

TITLE	OD2, Ø50mm, 1550nm, SHORTPASS FILTER		
DWG NO	84663	SHEET 1 OF 1	

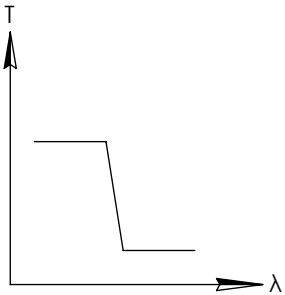


NOTES:

1. SUBSTRATE
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN  $\pm 3$  arcsec
3. COATING (APPLY ACROSS COATING APERTURE)  
DURABILITY:  
PERFORMANCE SPECIFICATIONS:  
T(avg):  $>85\%$  @ AOI  $0^\circ$  FROM 810 - 1540nm  
T(avg):  $<1\%$  @ AOI  $0^\circ$  FROM 1700 - 2025nm  
T(avg):  $\approx 50\%$  FOR AOI  $0^\circ$  @ 1600 $\pm$ 2nm  
  
S2: SINGLE LAYER MgF2

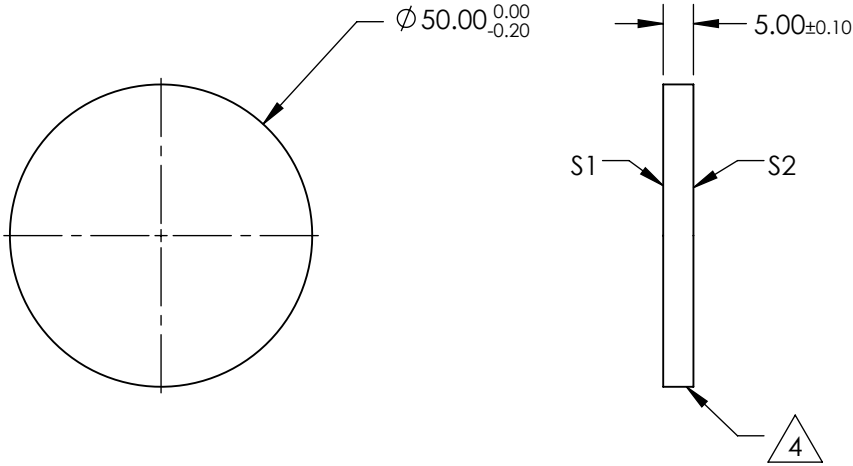
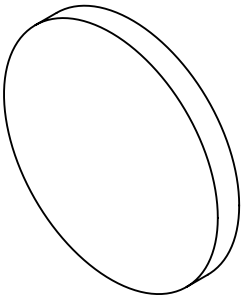
4. FINE GRIND SURFACE

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



SHORTPASS FILTER

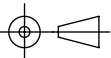
**FOR INFORMATION ONLY:  
DO NOT MANUFACTURE  
PARTS TO THIS DRAWING**



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

**Edmund Optics®**

TITLE OD2, Ø50mm, 1600nm, SHORTPASS FILTER

DWG NO 84664

SHEET  
1 OF 1