

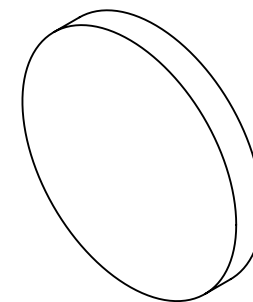
NOTES:

1. SUBSTRATE
UV GRADE FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN 5 ARCSEC
3. COATING (APPLY ACROSS COATING APERTURE)

PERFORMANCE SPECIFICATIONS @ 0° AOI
T(AVG): >85% FROM 420 - 2000nm
T(AVG): < 1% FROM 200 - 375nm
T(ABS): = 50% @ 400nm

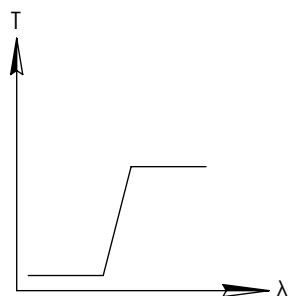
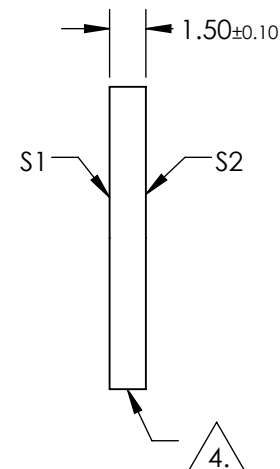
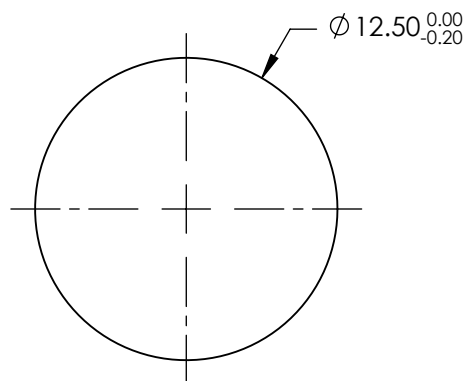
S1: MULTILAYER DIELECTRIC COATING
S2: SINGLE LAYER MgF2

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



4. FINE GRIND SURFACE

5. TRANSMITTED WAVEFRONT DISTORTION RMS@ 632.8nm ≤ ¼ WAVE
6. ROHS COMPLIANT

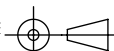


LONGPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2
SHAPE	PLANO	PLANO
SURFACE QUALITY	40-20	40-20
CLEAR APERTURE	80%	80%
COATING APERTURE	Ø11.00	Ø11.00
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

THIRD ANGLE
PROJECTION



ALL DIMS IN

mm

Edmund Optics®

TITLE

OD2, Ø12.5mm, 400nm LONGPASS FILTER

DWG NO

49024

SHEET
1 OF 1

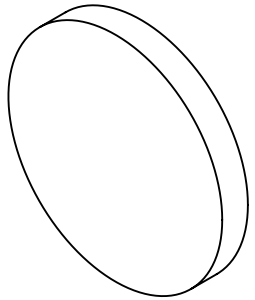
NOTES:

1. SUBSTRATE
UV GRADE FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN 5 ARCSEC
3. COATING (APPLY ACROSS COATING APERTURE)

PERFORMANCE SPECIFICATIONS @ 0° AOI
T(AVG): >85% FROM 470 - 2000nm
T(AVG): < 1% FROM 200 - 430nm
T(ABS): = 50% @ 450nm

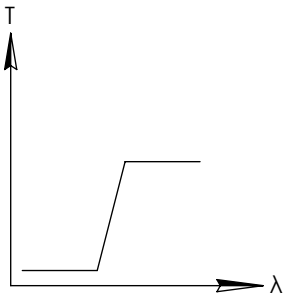
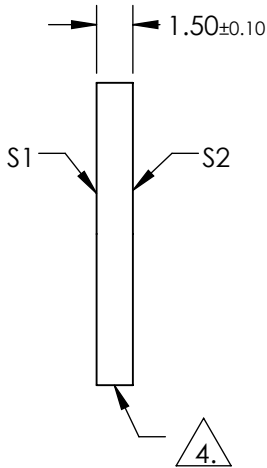
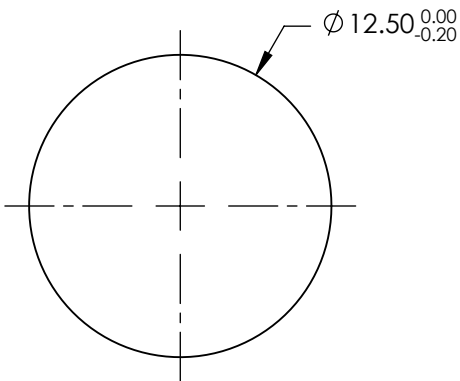
S1: MULTILAYER DIELECTRIC COATING
S2: SINGLE LAYER MgF2

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



4. FINE GRIND SURFACE

5. TRANSMITTED WAVEFRONT DISTORTION RMS@ 632.8nm ≤ ¼ WAVE
6. ROHS COMPLIANT



LONGPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2
SHAPE	PLANO	PLANO
SURFACE QUALITY	40-20	40-20
CLEAR APERTURE	80%	80%
COATING APERTURE	Ø11.00	Ø11.00
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

Edmund Optics®

OD2, Ø12.5mm, 450nm LONGPASS FILTER



ALL DIMS IN

mm

TITLE

DWG NO

49025

SHEET
1 OF 1

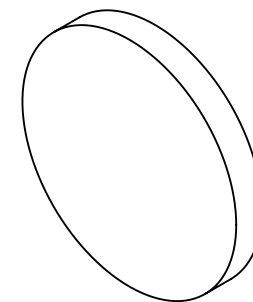
NOTES:

1. SUBSTRATE
UV GRADE FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN 5 ARCSEC
3. COATING (APPLY ACROSS COATING APERTURE)

PERFORMANCE SPECIFICATIONS @ 0° AOI
T(AVG): >85% FROM 520 - 2000nm
T(AVG): < 1% FROM 200 - 480nm
T(ABS): = 50% @ 500nm

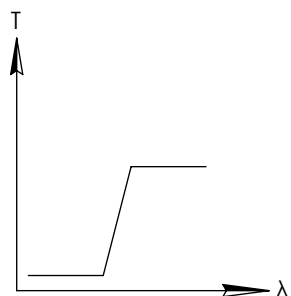
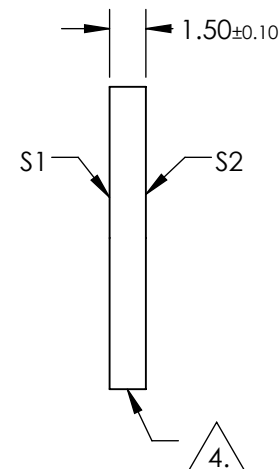
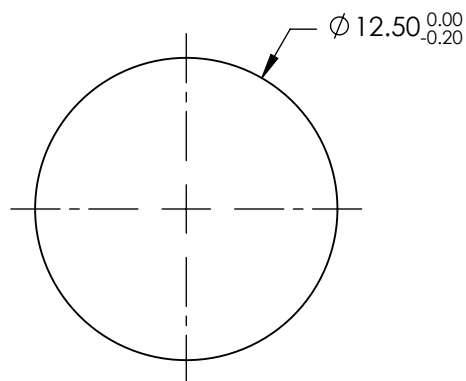
S1: MULTILAYER DIELECTRIC COATING
S2: SINGLE LAYER MgF2

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



4. FINE GRIND SURFACE

5. TRANSMITTED WAVEFRONT DISTORTION RMS@ 632.8nm ≤ ¼ WAVE
6. ROHS COMPLIANT

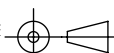


LONGPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2
SHAPE	PLANO	PLANO
SURFACE QUALITY	40-20	40-20
CLEAR APERTURE	80%	80%
COATING APERTURE	Ø11.00	Ø11.00
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

THIRD ANGLE
PROJECTION



ALL DIMS IN

mm

Edmund Optics®

TITLE

OD2, Ø12.5mm, 500nm LONGPASS FILTER

DWG NO

49026

SHEET
1 OF 1

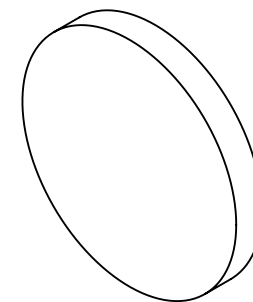
NOTES:

1. SUBSTRATE
UV GRADE FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN 5 ARCSEC
3. COATING (APPLY ACROSS COATING APERTURE)

PERFORMANCE SPECIFICATIONS @ 0° AOI
T(AVG): >85% FROM 575 - 2000nm
T(AVG): < 1% FROM 415 - 515nm
T(ABS): = 50% @ 550nm

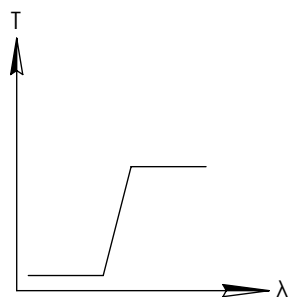
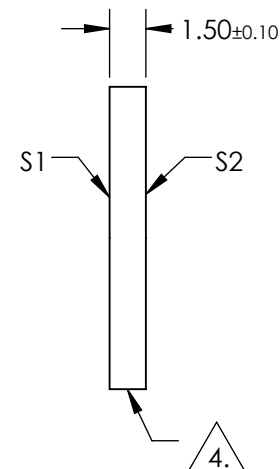
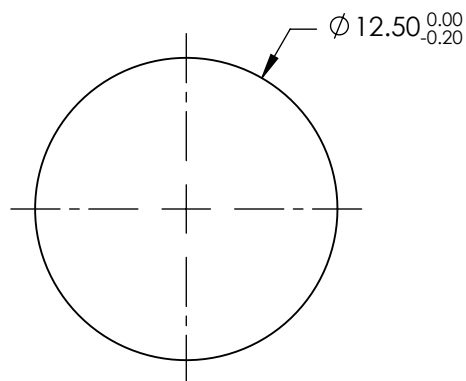
S1: MULTILAYER DIELECTRIC COATING
S2: SINGLE LAYER MgF2

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



4. FINE GRIND SURFACE

5. TRANSMITTED WAVEFRONT DISTORTION RMS@ 632.8nm ≤ ¼ WAVE
6. ROHS COMPLIANT

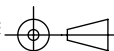


LONGPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2
SHAPE	PLANO	PLANO
SURFACE QUALITY	40-20	40-20
CLEAR APERTURE	80%	80%
COATING APERTURE	Ø11.00	Ø11.00
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

THIRD ANGLE
PROJECTION



ALL DIMS IN

mm

Edmund Optics®

TITLE

OD2, Ø12.5mm, 550nm LONGPASS FILTER

DWG NO

49027

SHEET
1 OF 1

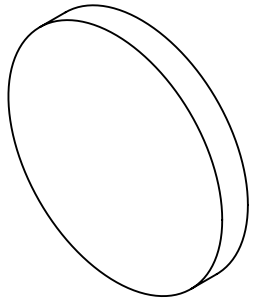
NOTES:

1. SUBSTRATE
UV GRADE FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN 5 ARCSEC
3. COATING (APPLY ACROSS COATING APERTURE)

PERFORMANCE SPECIFICATIONS @ 0° AOI
T(AVG): >85% FROM 625 - 2000nm
T(AVG): < 1% FROM 460 - 570nm
T(ABS): = 50% @ 600nm

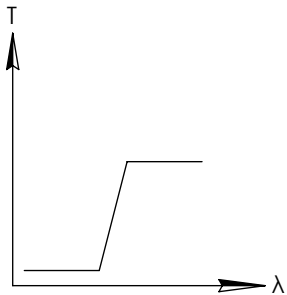
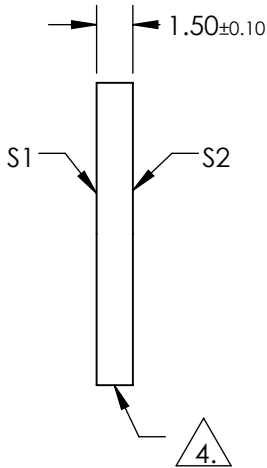
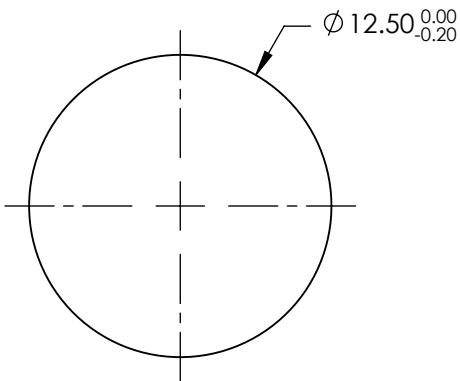
S1: MULTILAYER DIELECTRIC COATING
S2: SINGLE LAYER MgF2

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



4. FINE GRIND SURFACE

5. TRANSMITTED WAVEFRONT DISTORTION RMS@ 632.8nm ≤ ¼ WAVE
6. ROHS COMPLIANT



LONGPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2
SHAPE	PLANO	PLANO
SURFACE QUALITY	40-20	40-20
CLEAR APERTURE	80%	80%
COATING APERTURE	Ø11.00	Ø11.00
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

Edmund Optics®



ALL DIMS IN

mm

TITLE

OD2, Ø12.5mm, 600nm LONGPASS FILTER

DWG NO

49028

SHEET
1 OF 1

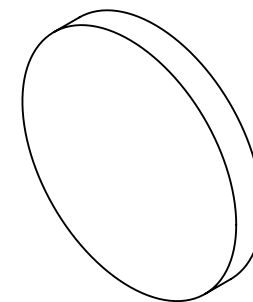
NOTES:

1. SUBSTRATE
UV GRADE FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN 5 ARCSEC
3. COATING (APPLY ACROSS COATING APERTURE)

PERFORMANCE SPECIFICATIONS @ 0° AOI
T(AVG): >85% FROM 675 - 2000nm
T(AVG): < 1% FROM 495 - 610nm
T(ABS): = 50% @ 650nm

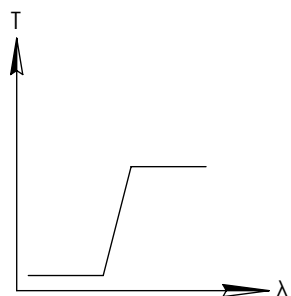
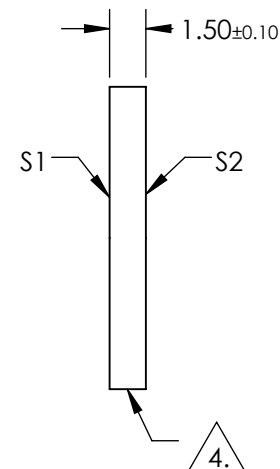
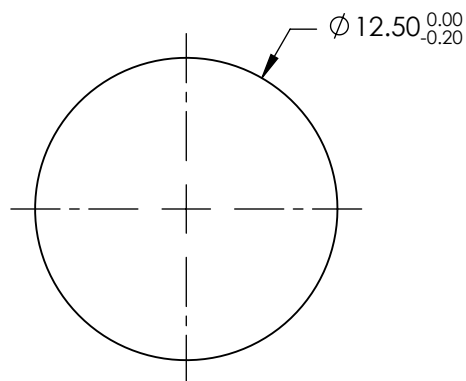
S1: MULTILAYER DIELECTRIC COATING
S2: SINGLE LAYER MgF2

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



4. FINE GRIND SURFACE

5. TRANSMITTED WAVEFRONT DISTORTION RMS@ 632.8nm ≤ ¼ WAVE
6. ROHS COMPLIANT

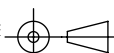


LONGPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2
SHAPE	PLANO	PLANO
SURFACE QUALITY	40-20	40-20
CLEAR APERTURE	80%	80%
COATING APERTURE	Ø11.00	Ø11.00
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

THIRD ANGLE
PROJECTION



ALL DIMS IN

mm

Edmund Optics®

TITLE

OD2, Ø12.5mm, 650nm LONGPASS FILTER

DWG NO

49029

SHEET
1 OF 1

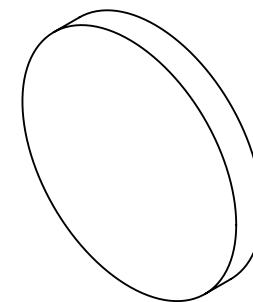
NOTES:

1. SUBSTRATE
UV GRADE FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN 5 ARCSEC
3. COATING (APPLY ACROSS COATING APERTURE)

PERFORMANCE SPECIFICATIONS @ 0° AOI
T(AVG): >85% FROM 725 - 2000nm
T(AVG): < 1% FROM 535 - 660nm
T(ABS): = 50% @ 700nm

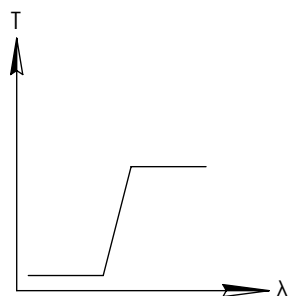
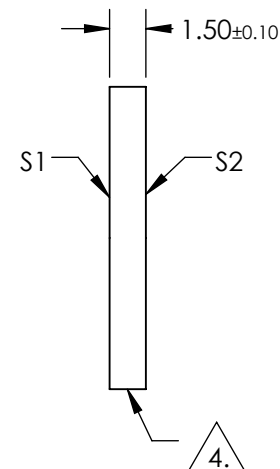
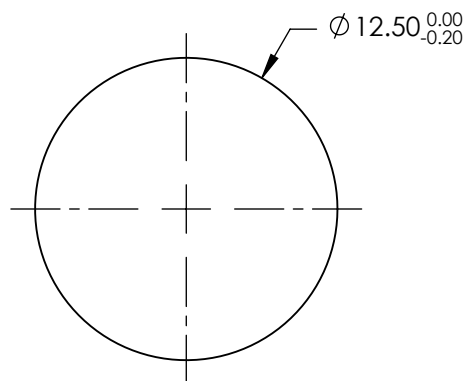
S1: MULTILAYER DIELECTRIC COATING
S2: SINGLE LAYER MgF2

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



4. FINE GRIND SURFACE

5. TRANSMITTED WAVEFRONT DISTORTION RMS@ 632.8nm ≤ ¼ WAVE
6. ROHS COMPLIANT

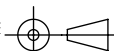


LONGPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2
SHAPE	PLANO	PLANO
SURFACE QUALITY	40-20	40-20
CLEAR APERTURE	80%	80%
COATING APERTURE	Ø11.00	Ø11.00
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

THIRD ANGLE
PROJECTION



ALL DIMS IN

mm

Edmund Optics®

TITLE

OD2, Ø12.5mm, 700nm LONGPASS FILTER

DWG NO

49030

SHEET
1 OF 1

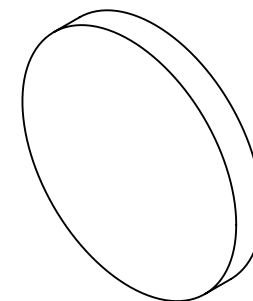
NOTES:

1. SUBSTRATE
UV GRADE FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN 5 ARCSEC
3. COATING (APPLY ACROSS COATING APERTURE)

PERFORMANCE SPECIFICATIONS @ 0° AOI
T(AVG): >85% FROM 780 - 2000nm
T(AVG): < 1% FROM 565 - 715nm
T(ABS): = 50% @ 750nm

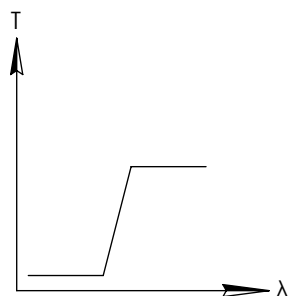
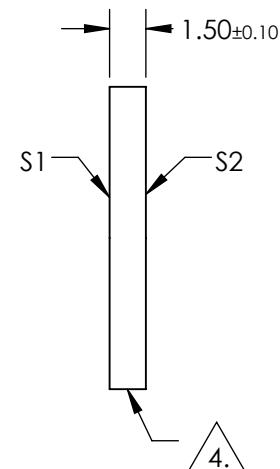
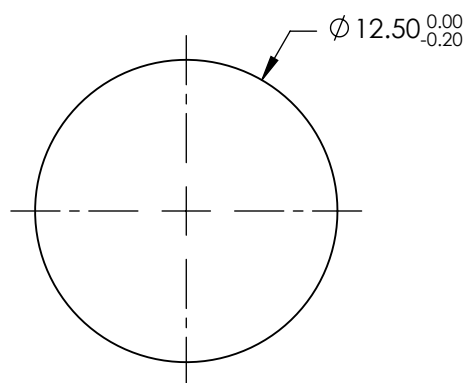
S1: MULTILAYER DIELECTRIC COATING
S2: SINGLE LAYER MgF2

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



4. FINE GRIND SURFACE

5. TRANSMITTED WAVEFRONT DISTORTION RMS@ 632.8nm ≤ ¼ WAVE
6. ROHS COMPLIANT

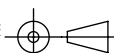


LONGPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2
SHAPE	PLANO	PLANO
SURFACE QUALITY	40-20	40-20
CLEAR APERTURE	80%	80%
COATING APERTURE	Ø11.00	Ø11.00
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

THIRD ANGLE
PROJECTION



ALL DIMS IN

mm

Edmund Optics®

TITLE

OD2, Ø12.5mm, 750nm LONGPASS FILTER

DWG NO

49031

SHEET
1 OF 1

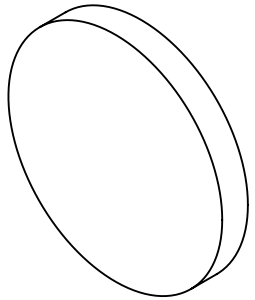
NOTES:

1. SUBSTRATE
UV GRADE FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN 5 ARCSEC
3. COATING (APPLY ACROSS COATING APERTURE)

PERFORMANCE SPECIFICATIONS @ 0° AOI
T(AVG): >85% FROM 830 - 2000nm
T(AVG): < 1% FROM 600 - 760nm
T(ABS): = 50% @ 800nm

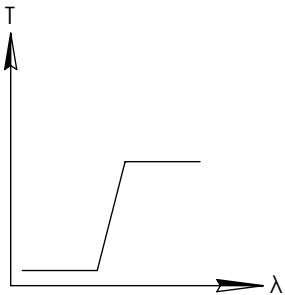
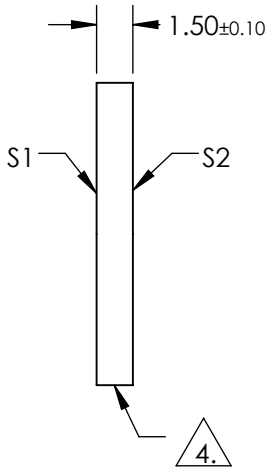
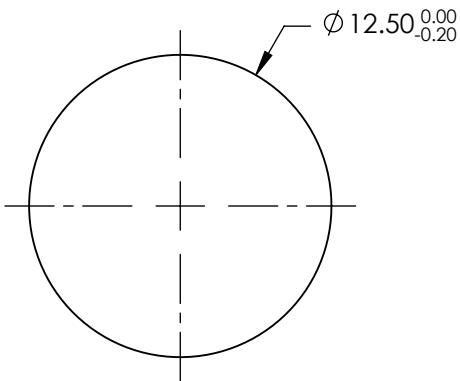
S1: MULTILAYER DIELECTRIC COATING
S2: SINGLE LAYER MgF2

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



4. FINE GRIND SURFACE

5. TRANSMITTED WAVEFRONT DISTORTION RMS@ 632.8nm ≤ ¼ WAVE
6. ROHS COMPLIANT



LONGPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2
SHAPE	PLANO	PLANO
SURFACE QUALITY	40-20	40-20
CLEAR APERTURE	80%	80%
COATING APERTURE	Ø11.00	Ø11.00
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

Edmund Optics®



ALL DIMS IN

mm

TITLE

OD2, Ø12.5mm, 800nm LONGPASS FILTER

DWG NO

49032

SHEET
1 OF 1

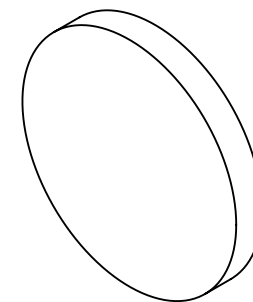
NOTES:

1. SUBSTRATE
UV GRADE FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN 5 ARCSEC
3. COATING (APPLY ACROSS COATING APERTURE)

PERFORMANCE SPECIFICATIONS @ 0° AOI
T(AVG): >85% FROM 880 - 2000nm
T(AVG): < 1% FROM 635 - 805nm
T(ABS): = 50% @ 850nm

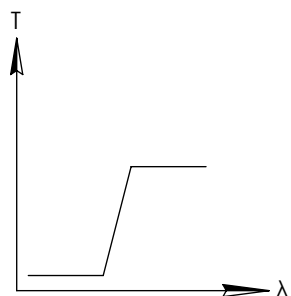
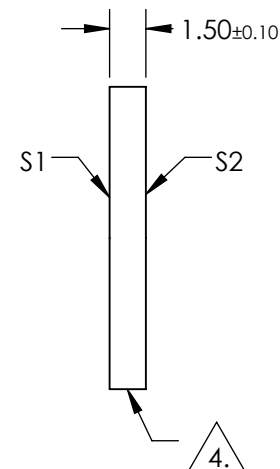
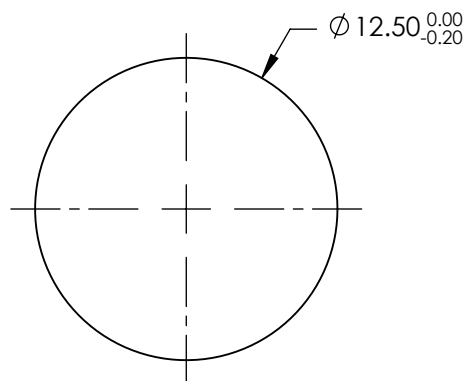
S1: MULTILAYER DIELECTRIC COATING
S2: SINGLE LAYER MgF2

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



4. FINE GRIND SURFACE

5. TRANSMITTED WAVEFRONT DISTORTION RMS@ 632.8nm ≤ ¼ WAVE
6. ROHS COMPLIANT

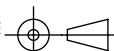


LONGPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2
SHAPE	PLANO	PLANO
SURFACE QUALITY	40-20	40-20
CLEAR APERTURE	80%	80%
COATING APERTURE	Ø11.00	Ø11.00
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

THIRD ANGLE
PROJECTION



ALL DIMS IN

mm

Edmund Optics®

TITLE

OD2, Ø12.5mm, 850nm LONGPASS FILTER

DWG NO

49033

SHEET
1 OF 1

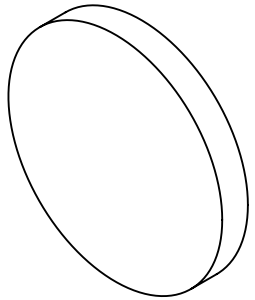
NOTES:

1. SUBSTRATE
UV GRADE FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN 5 ARCSEC
3. COATING (APPLY ACROSS COATING APERTURE)

PERFORMANCE SPECIFICATIONS @ 0° AOI
T(AVG): >85% FROM 935 - 2000nm
T(AVG): < 1% FROM 675 - 855nm
T(ABS): = 50% @ 900nm

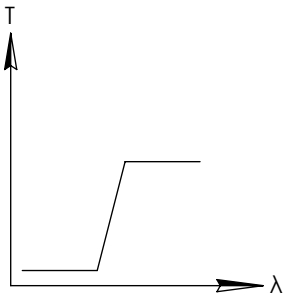
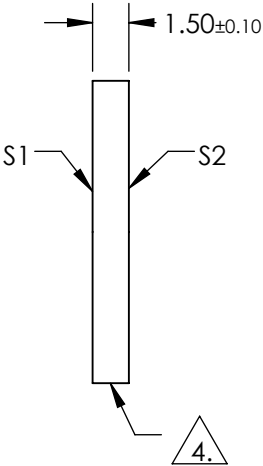
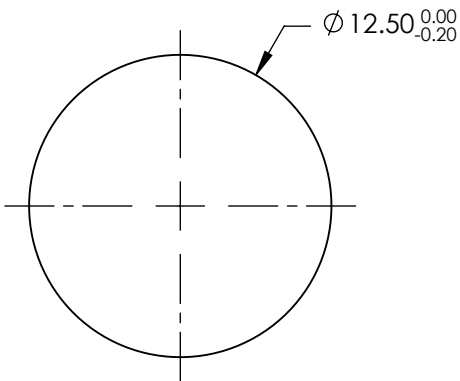
S1: MULTILAYER DIELECTRIC COATING
S2: SINGLE LAYER MgF2

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



4. FINE GRIND SURFACE

5. TRANSMITTED WAVEFRONT DISTORTION RMS@ 632.8nm ≤ ¼ WAVE
6. ROHS COMPLIANT



LONGPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2
SHAPE	PLANO	PLANO
SURFACE QUALITY	40-20	40-20
CLEAR APERTURE	80%	80%
COATING APERTURE	Ø11.00	Ø11.00
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

Edmund Optics®



ALL DIMS IN

mm

TITLE

OD2, Ø12.5mm, 900nm LONGPASS FILTER

DWG NO

49034

SHEET
1 OF 1

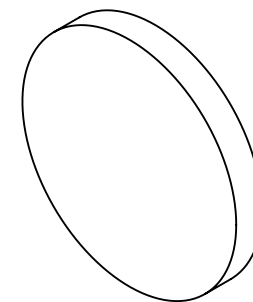
NOTES:

1. SUBSTRATE
UV GRADE FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN 5 ARCSEC
3. COATING (APPLY ACROSS COATING APERTURE)

PERFORMANCE SPECIFICATIONS @ 0° AOI
T(AVG): >85% FROM 985 - 2000nm
T(AVG): < 1% FROM 715 - 900nm
T(ABS): = 50% @ 950nm

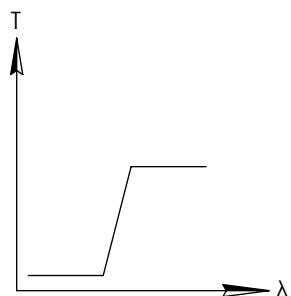
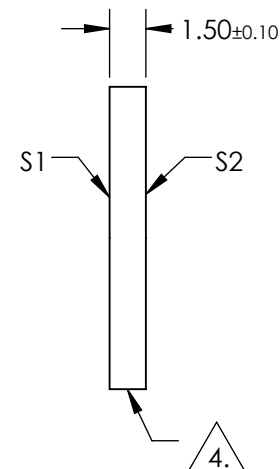
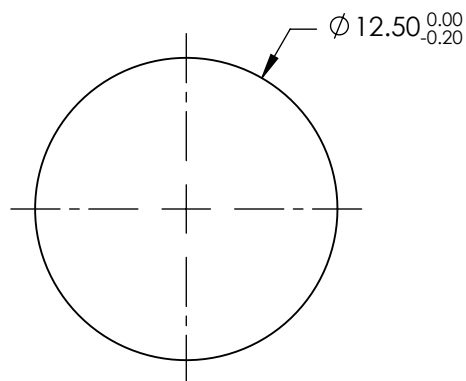
S1: MULTILAYER DIELECTRIC COATING
S2: SINGLE LAYER MgF2

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



4. FINE GRIND SURFACE

5. TRANSMITTED WAVEFRONT DISTORTION RMS@ 632.8nm ≤ ¼ WAVE
6. ROHS COMPLIANT

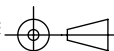


LONGPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2
SHAPE	PLANO	PLANO
SURFACE QUALITY	40-20	40-20
CLEAR APERTURE	80%	80%
COATING APERTURE	Ø11.00	Ø11.00
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

THIRD ANGLE
PROJECTION



ALL DIMS IN

mm

Edmund Optics®

TITLE

OD2, Ø12.5mm, 950nm LONGPASS FILTER

DWG NO

49035

SHEET
1 OF 1

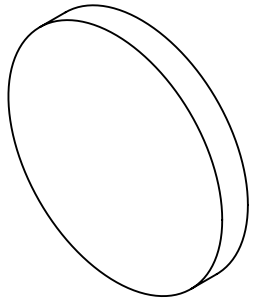
NOTES:

1. SUBSTRATE
UV GRADE FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN 5 ARCSEC
3. COATING (APPLY ACROSS COATING APERTURE)

PERFORMANCE SPECIFICATIONS @ 0° AOI
T(AVG): >85% FROM 1035 - 2000nm
T(AVG): < 1% FROM 750 - 950nm
T(ABS): = 50% @ 1000nm

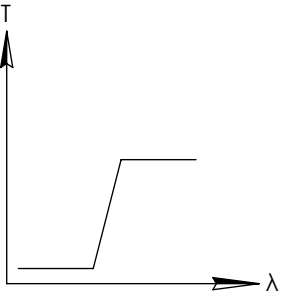
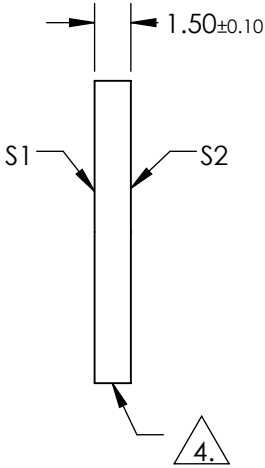
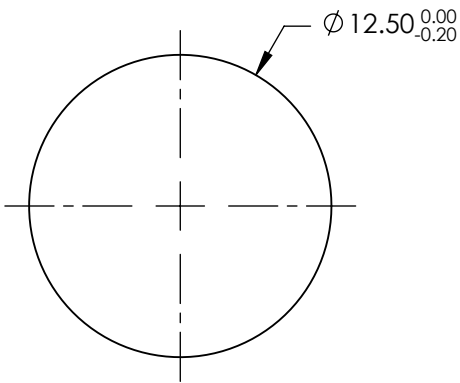
S1: MULTILAYER DIELECTRIC COATING
S2: SINGLE LAYER MgF2

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



4. FINE GRIND SURFACE

5. TRANSMITTED WAVEFRONT DISTORTION RMS@ 632.8nm ≤ ¼ WAVE
6. ROHS COMPLIANT



LONGPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2
SHAPE	PLANO	PLANO
SURFACE QUALITY	40-20	40-20
CLEAR APERTURE	80%	80%
COATING APERTURE	Ø11.00	Ø11.00
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

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ALL DIMS IN

mm

TITLE

OD2, Ø12.5mm, 1000nm LONGPASS FILTER

DWG NO

49036

SHEET
1 OF 1

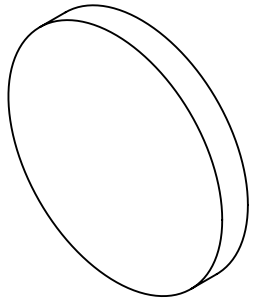
NOTES:

1. SUBSTRATE
UV GRADE FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN 5 ARCSEC
3. COATING (APPLY ACROSS COATING APERTURE)

PERFORMANCE SPECIFICATIONS @ 0° AOI
T(AVG): >85% FROM 1085 - 2000nm
T(AVG): < 1% FROM 790 - 1000nm
T(ABS): = 50% @ 1050nm

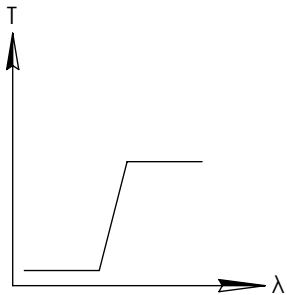
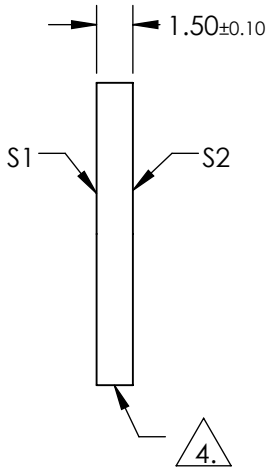
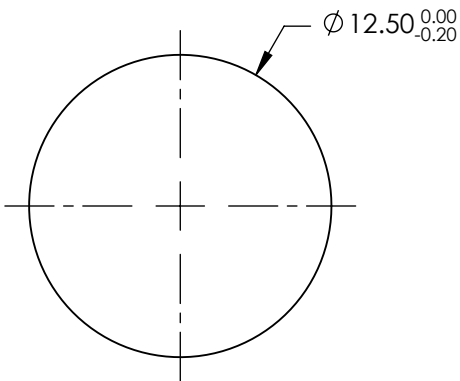
S1: MULTILAYER DIELECTRIC COATING
S2: SINGLE LAYER MgF2

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



4. FINE GRIND SURFACE

5. TRANSMITTED WAVEFRONT DISTORTION RMS@ 632.8nm ≤ ¼ WAVE
6. ROHS COMPLIANT



LONGPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2
SHAPE	PLANO	PLANO
SURFACE QUALITY	40-20	40-20
CLEAR APERTURE	80%	80%
COATING APERTURE	Ø11.00	Ø11.00
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

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ALL DIMS IN

mm

TITLE

OD2, Ø12.5mm, 1050nm LONGPASS FILTER

DWG NO

49037

SHEET
1 OF 1

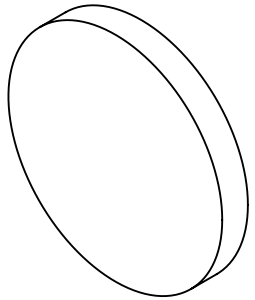
NOTES:

1. SUBSTRATE
UV GRADE FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN 5 ARCSEC
3. COATING (APPLY ACROSS COATING APERTURE)

PERFORMANCE SPECIFICATIONS @ 0° AOI
T(AVG): >85% FROM 1135 - 2000nm
T(AVG): < 1% FROM 825 - 1045nm
T(ABS): = 50% @ 1100nm

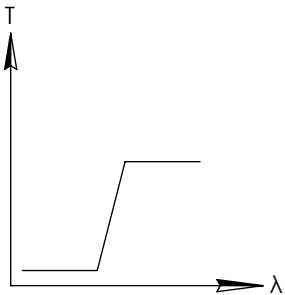
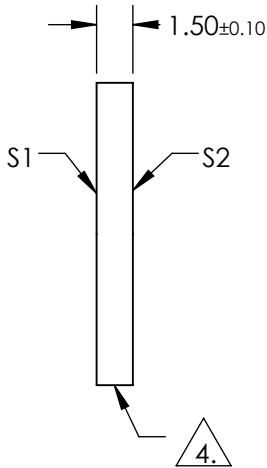
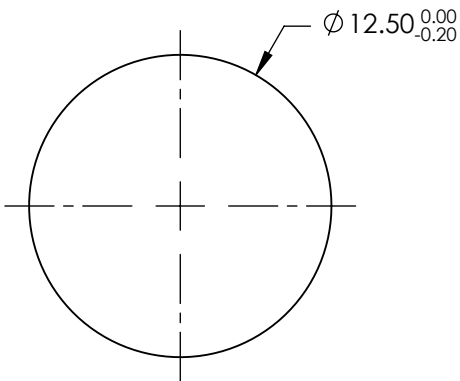
S1: MULTILAYER DIELECTRIC COATING
S2: SINGLE LAYER MgF2

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



4. FINE GRIND SURFACE

5. TRANSMITTED WAVEFRONT DISTORTION RMS@ 632.8nm ≤ ¼ WAVE
6. ROHS COMPLIANT



LONGPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2
SHAPE	PLANO	PLANO
SURFACE QUALITY	40-20	40-20
CLEAR APERTURE	80%	80%
COATING APERTURE	Ø11.00	Ø11.00
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

Edmund Optics®



ALL DIMS IN

mm

TITLE

OD2, Ø12.5mm, 1100nm LONGPASS FILTER

DWG NO

49038

SHEET
1 OF 1

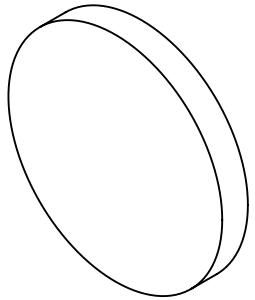
NOTES:

1. SUBSTRATE
UV GRADE FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN 5 ARCSEC
3. COATING (APPLY ACROSS COATING APERTURE)

PERFORMANCE SPECIFICATIONS @ 0° AOI
T(AVG): >85% FROM 445 - 2000nm
T(AVG): < 1% FROM 200 - 405nm
T(ABS): = 50% @ 425nm

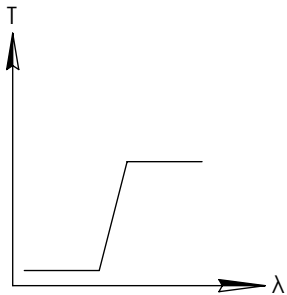
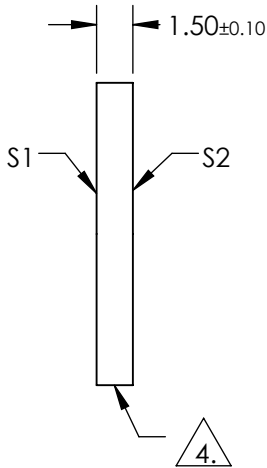
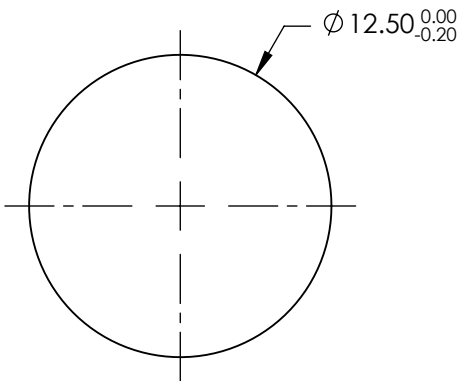
S1: MULTILAYER DIELECTRIC COATING
S2: SINGLE LAYER MgF2

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



4. FINE GRIND SURFACE

5. TRANSMITTED WAVEFRONT DISTORTION RMS@ 632.8nm ≤ ¼ WAVE
6. ROHS COMPLIANT



LONGPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2
SHAPE	PLANO	PLANO
SURFACE QUALITY	40-20	40-20
CLEAR APERTURE	80%	80%
COATING APERTURE	Ø11.00	Ø11.00
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

Edmund Optics®

OD2, Ø12.5mm, 425nm LONGPASS FILTER



ALL DIMS IN

mm

TITLE

DWG NO

64616

SHEET
1 OF 1

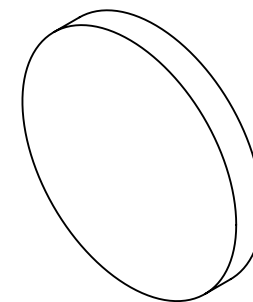
NOTES:

1. SUBSTRATE
UV GRADE FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN 5 ARCSEC
3. COATING (APPLY ACROSS COATING APERTURE)

PERFORMANCE SPECIFICATIONS @ 0° AOI
T(AVG): >85% FROM 495 - 2000nm
T(AVG): < 1% FROM 200 - 455nm
T(ABS): = 50% @ 475nm

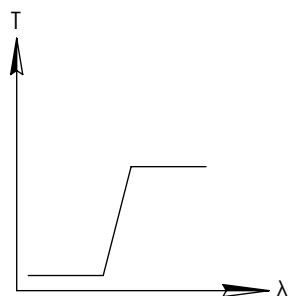
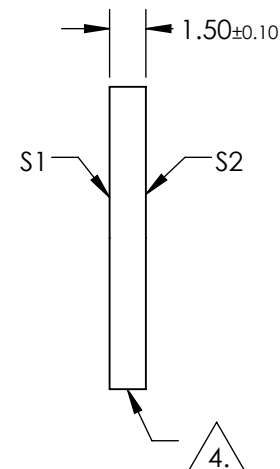
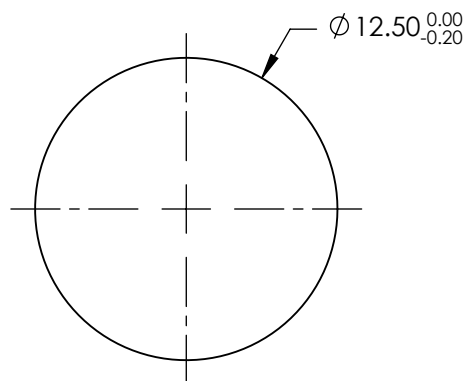
S1: MULTILAYER DIELECTRIC COATING
S2: SINGLE LAYER MgF2

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



4. FINE GRIND SURFACE

5. TRANSMITTED WAVEFRONT DISTORTION RMS@ 632.8nm ≤ ¼ WAVE
6. ROHS COMPLIANT

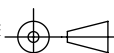


LONGPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2
SHAPE	PLANO	PLANO
SURFACE QUALITY	40-20	40-20
CLEAR APERTURE	80%	80%
COATING APERTURE	Ø11.00	Ø11.00
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

THIRD ANGLE
PROJECTION



ALL DIMS IN

mm

Edmund Optics®

TITLE

OD2, Ø12.5mm, 475nm LONGPASS FILTER

DWG NO

64617

SHEET
1 OF 1

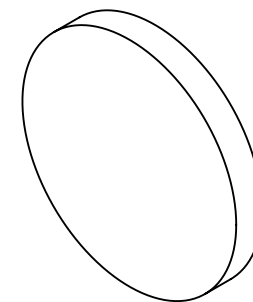
NOTES:

1. SUBSTRATE
UV GRADE FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN 5 ARCSEC
3. COATING (APPLY ACROSS COATING APERTURE)

PERFORMANCE SPECIFICATIONS @ 0° AOI
T(AVG): >85% FROM 545 - 2000nm
T(AVG): < 1% FROM 200 - 505nm
T(ABS): = 50% @ 525nm

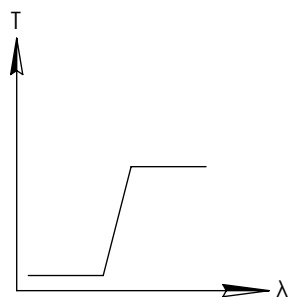
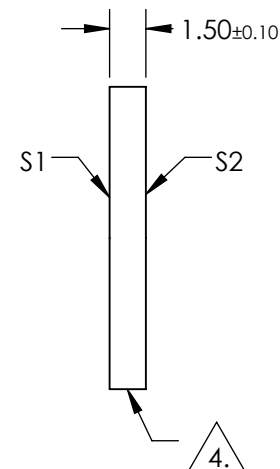
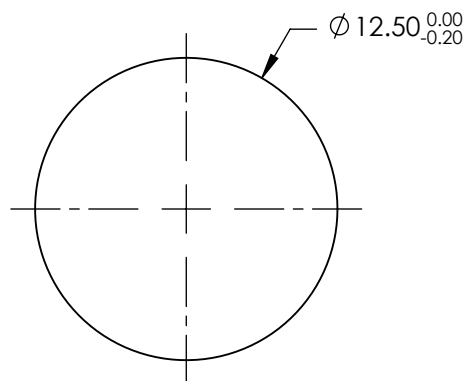
S1: MULTILAYER DIELECTRIC COATING
S2: SINGLE LAYER MgF2

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



4. FINE GRIND SURFACE

5. TRANSMITTED WAVEFRONT DISTORTION RMS@ 632.8nm ≤ ¼ WAVE
6. ROHS COMPLIANT

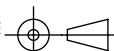


LONGPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2
SHAPE	PLANO	PLANO
SURFACE QUALITY	40-20	40-20
CLEAR APERTURE	80%	80%
COATING APERTURE	Ø11.00	Ø11.00
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

THIRD ANGLE
PROJECTION



ALL DIMS IN

mm

Edmund Optics®

TITLE

OD2, Ø12.5mm, 525nm LONGPASS FILTER

DWG NO

64618

SHEET
1 OF 1

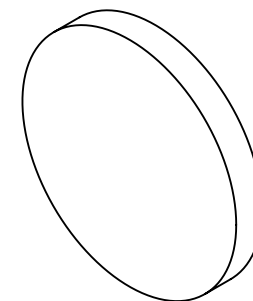
NOTES:

1. SUBSTRATE
UV GRADE FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN 5 ARCSEC
3. COATING (APPLY ACROSS COATING APERTURE)

PERFORMANCE SPECIFICATIONS @ 0° AOI
T(AVG): >85% FROM 600 - 2000nm
T(AVG): < 1% FROM 440 - 540nm
T(ABS): = 50% @ 575nm

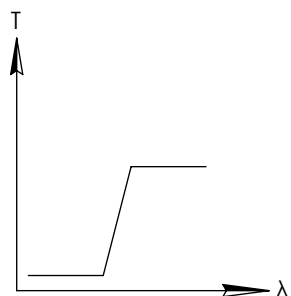
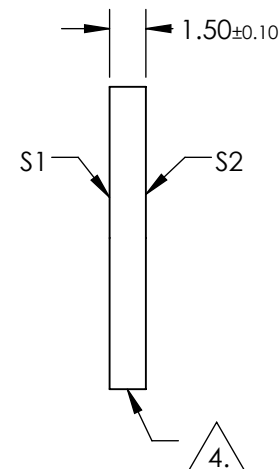
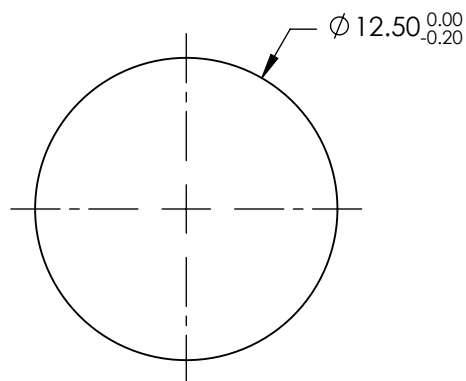
S1: MULTILAYER DIELECTRIC COATING
S2: SINGLE LAYER MgF2

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



4. FINE GRIND SURFACE

5. TRANSMITTED WAVEFRONT DISTORTION RMS@ 632.8nm ≤ ¼ WAVE
6. ROHS COMPLIANT

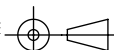


LONGPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2
SHAPE	PLANO	PLANO
SURFACE QUALITY	40-20	40-20
CLEAR APERTURE	80%	80%
COATING APERTURE	Ø11.00	Ø11.00
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

THIRD ANGLE
PROJECTION



ALL DIMS IN

mm

Edmund Optics®

TITLE

OD2, Ø12.5mm, 575nm LONGPASS FILTER

DWG NO

64619

SHEET
1 OF 1

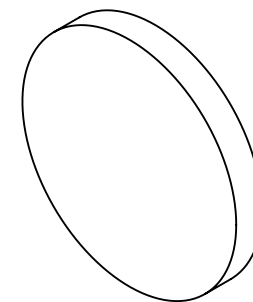
NOTES:

1. SUBSTRATE
UV GRADE FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN 5 ARCSEC
3. COATING (APPLY ACROSS COATING APERTURE)

PERFORMANCE SPECIFICATIONS @ 0° AOI
T(AVG): >85% FROM 650 - 2000nm
T(AVG): < 1% FROM 485 - 595nm
T(ABS): = 50% @ 625nm

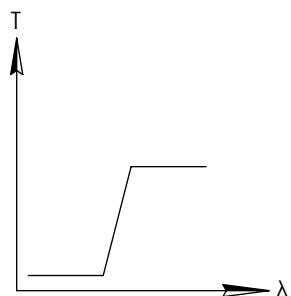
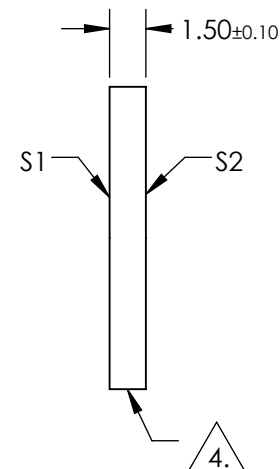
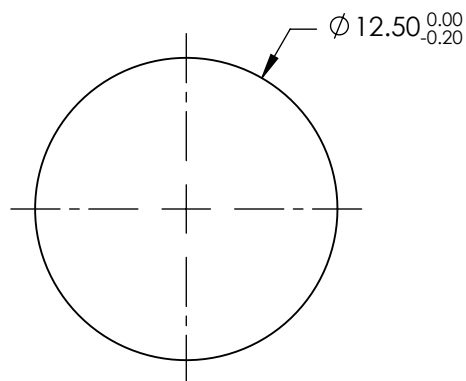
S1: MULTILAYER DIELECTRIC COATING
S2: SINGLE LAYER MgF2

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



4. FINE GRIND SURFACE

5. TRANSMITTED WAVEFRONT DISTORTION RMS@ 632.8nm ≤ ¼ WAVE
6. ROHS COMPLIANT

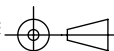


LONGPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2
SHAPE	PLANO	PLANO
SURFACE QUALITY	40-20	40-20
CLEAR APERTURE	80%	80%
COATING APERTURE	Ø11.00	Ø11.00
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

THIRD ANGLE
PROJECTION



ALL DIMS IN

mm

Edmund Optics®

TITLE

OD2, Ø12.5mm, 625nm LONGPASS FILTER

DWG NO

64620

SHEET
1 OF 1

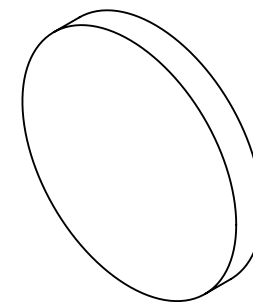
NOTES:

1. SUBSTRATE
UV GRADE FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN 5 ARCSEC
3. COATING (APPLY ACROSS COATING APERTURE)

PERFORMANCE SPECIFICATIONS @ 0° AOI
T(AVG): >85% FROM 700 - 2000nm
T(AVG): < 1% FROM 520 - 635nm
T(ABS): = 50% @ 675nm

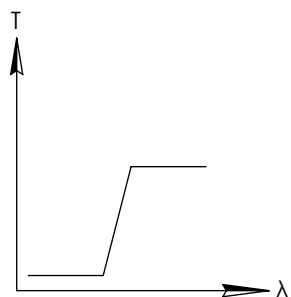
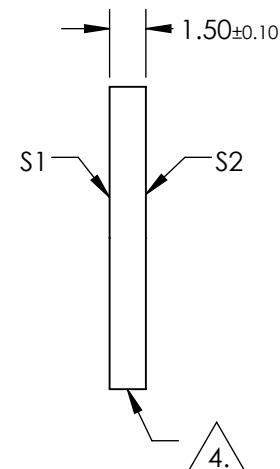
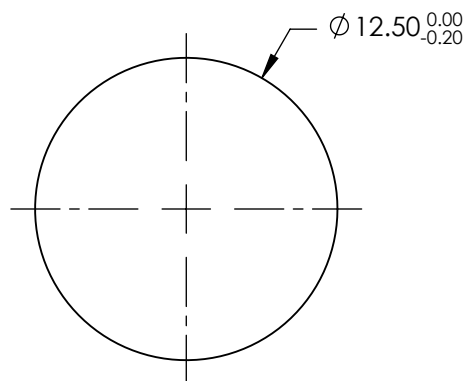
S1: MULTILAYER DIELECTRIC COATING
S2: SINGLE LAYER MgF2

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



4. FINE GRIND SURFACE

5. TRANSMITTED WAVEFRONT DISTORTION RMS@ 632.8nm ≤ ¼ WAVE
6. ROHS COMPLIANT

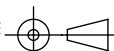


LONGPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2
SHAPE	PLANO	PLANO
SURFACE QUALITY	40-20	40-20
CLEAR APERTURE	80%	80%
COATING APERTURE	Ø11.00	Ø11.00
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

THIRD ANGLE
PROJECTION



ALL DIMS IN

mm

Edmund Optics®

TITLE

OD2, Ø12.5mm, 675nm LONGPASS FILTER

DWG NO

64621

SHEET
1 OF 1

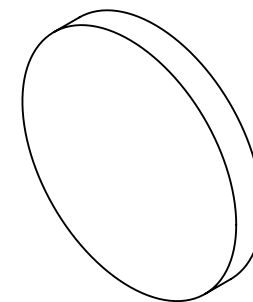
NOTES:

1. SUBSTRATE
UV GRADE FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN 5 ARCSEC
3. COATING (APPLY ACROSS COATING APERTURE)

PERFORMANCE SPECIFICATIONS @ 0° AOI
T(AVG): >85% FROM 750 - 2000nm
T(AVG): < 1% FROM 560 - 685nm
T(ABS): = 50% @ 725nm

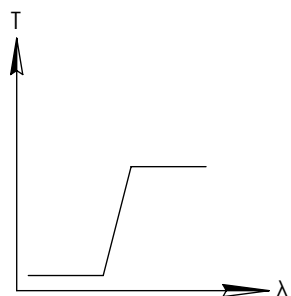
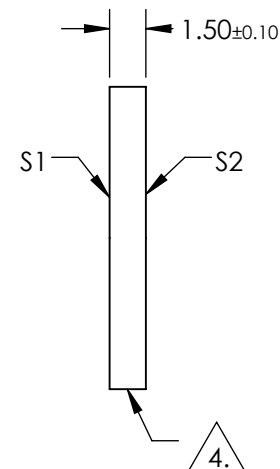
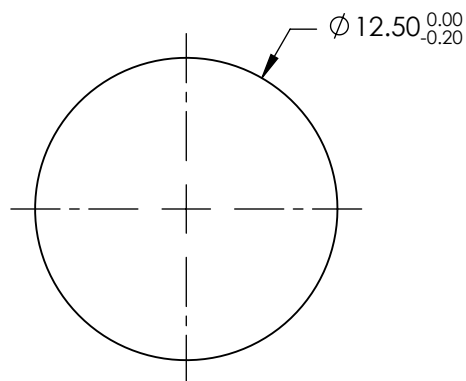
S1: MULTILAYER DIELECTRIC COATING
S2: SINGLE LAYER MgF2

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



4. FINE GRIND SURFACE

5. TRANSMITTED WAVEFRONT DISTORTION RMS@ 632.8nm ≤ ¼ WAVE
6. ROHS COMPLIANT

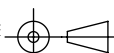


LONGPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2
SHAPE	PLANO	PLANO
SURFACE QUALITY	40-20	40-20
CLEAR APERTURE	80%	80%
COATING APERTURE	Ø11.00	Ø11.00
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

THIRD ANGLE
PROJECTION



ALL DIMS IN

mm

Edmund Optics®

TITLE

OD2, Ø12.5mm, 725nm LONGPASS FILTER

DWG NO

64622

SHEET
1 OF 1

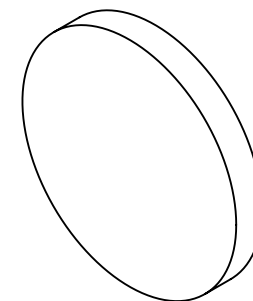
NOTES:

1. SUBSTRATE
UV GRADE FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN 5 ARCSEC
3. COATING (APPLY ACROSS COATING APERTURE)

PERFORMANCE SPECIFICATIONS @ 0° AOI
T(AVG): >85% FROM 805 - 2000nm
T(AVG): < 1% FROM 590 - 740nm
T(ABS): = 50% @ 775nm

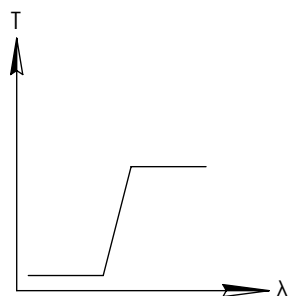
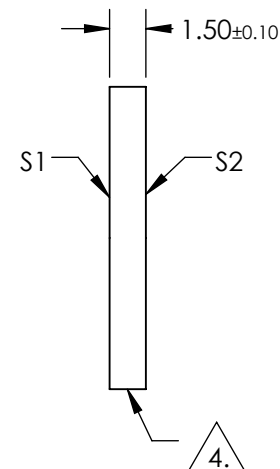
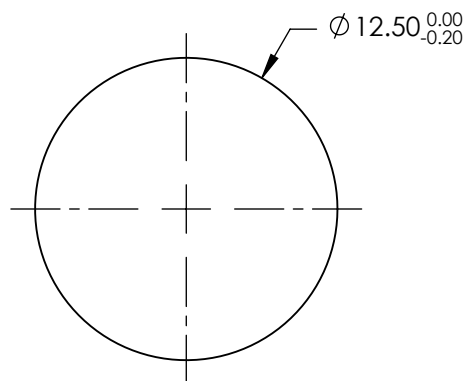
S1: MULTILAYER DIELECTRIC COATING
S2: SINGLE LAYER MgF2

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



4. FINE GRIND SURFACE

5. TRANSMITTED WAVEFRONT DISTORTION RMS@ 632.8nm ≤ ¼ WAVE
6. ROHS COMPLIANT

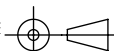


LONGPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2
SHAPE	PLANO	PLANO
SURFACE QUALITY	40-20	40-20
CLEAR APERTURE	80%	80%
COATING APERTURE	Ø11.00	Ø11.00
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

THIRD ANGLE
PROJECTION



ALL DIMS IN

mm



Edmund Optics®

TITLE

OD2, Ø12.5mm, 775nm LONGPASS FILTER

DWG NO

64623

SHEET
1 OF 1

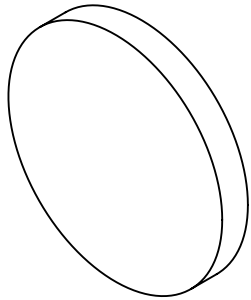
NOTES:

1. SUBSTRATE
UV GRADE FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN 5 ARCSEC
3. COATING (APPLY ACROSS COATING APERTURE)

PERFORMANCE SPECIFICATIONS @ 0° AOI
T(AVG): >85% FROM 855 - 2000nm
T(AVG): < 1% FROM 625 - 785nm
T(ABS): = 50% @ 825nm

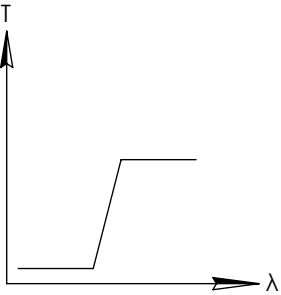
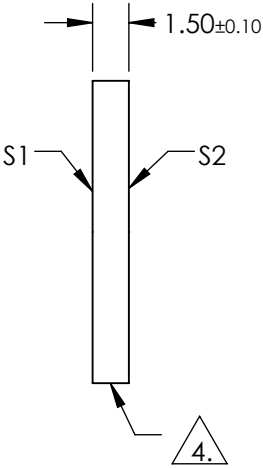
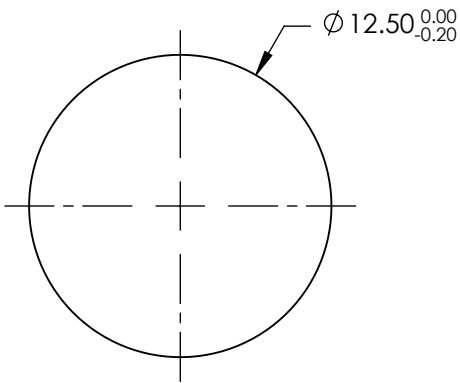
S1: MULTILAYER DIELECTRIC COATING
S2: SINGLE LAYER MgF2

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



4. FINE GRIND SURFACE

5. TRANSMITTED WAVEFRONT DISTORTION RMS@ 632.8nm ≤ ¼ WAVE
6. ROHS COMPLIANT



LONGPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2
SHAPE	PLANO	PLANO
SURFACE QUALITY	40-20	40-20
CLEAR APERTURE	80%	80%
COATING APERTURE	Ø11.00	Ø11.00
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

Edmund Optics®



ALL DIMS IN

mm

TITLE

OD2, Ø12.5mm, 825nm LONGPASS FILTER

DWG NO

64676

SHEET
1 OF 1

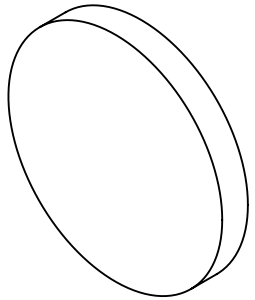
NOTES:

1. SUBSTRATE
UV GRADE FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN 5 ARCSEC
3. COATING (APPLY ACROSS COATING APERTURE)

PERFORMANCE SPECIFICATIONS @ 0° AOI
T(AVG): >85% FROM 910 - 2000nm
T(AVG): < 1% FROM 660 - 830nm
T(ABS): = 50% @ 875nm

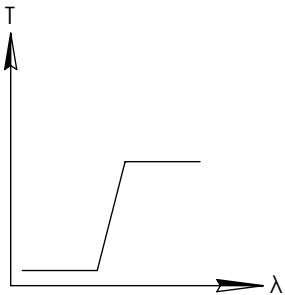
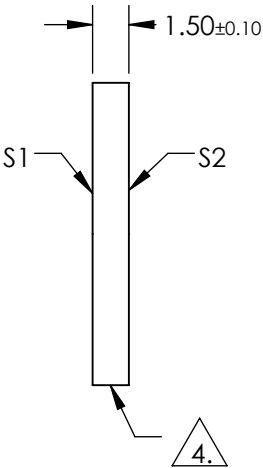
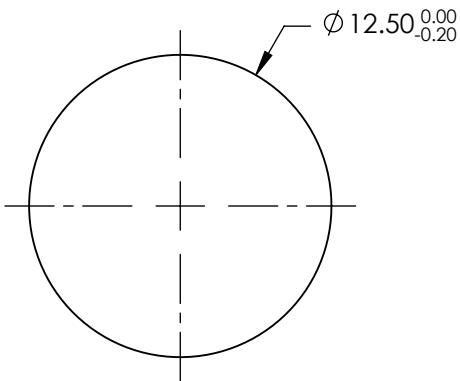
S1: MULTILAYER DIELECTRIC COATING
S2: SINGLE LAYER MgF2

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



4. FINE GRIND SURFACE

5. TRANSMITTED WAVEFRONT DISTORTION RMS@ 632.8nm ≤ ¼ WAVE
6. ROHS COMPLIANT



LONGPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2
SHAPE	PLANO	PLANO
SURFACE QUALITY	40-20	40-20
CLEAR APERTURE	80%	80%
COATING APERTURE	Ø11.00	Ø11.00
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

Edmund Optics®



ALL DIMS IN

mm

TITLE

OD2, Ø12.5mm, 875nm LONGPASS FILTER

DWG NO

64677

SHEET
1 OF 1

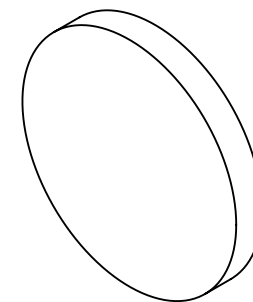
NOTES:

1. SUBSTRATE
UV GRADE FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN 5 ARCSEC
3. COATING (APPLY ACROSS COATING APERTURE)

PERFORMANCE SPECIFICATIONS @ 0° AOI
T(AVG): >85% FROM 960 - 2000nm
T(AVG): < 1% FROM 700 - 880nm
T(ABS): = 50% @ 925nm

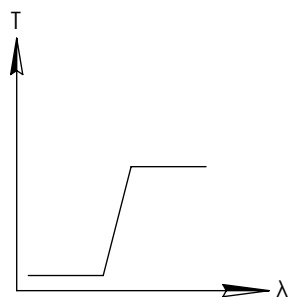
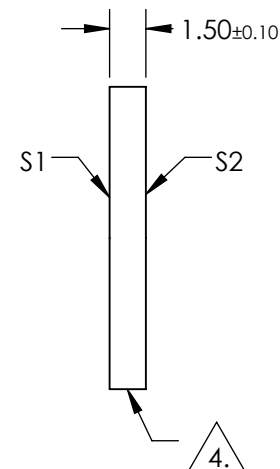
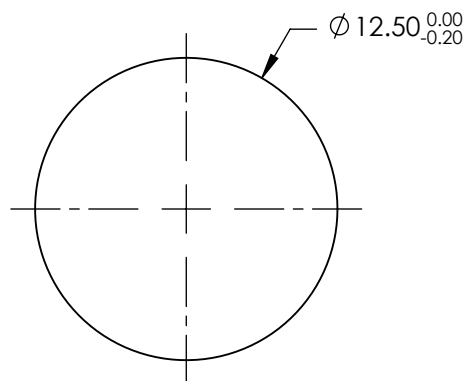
S1: MULTILAYER DIELECTRIC COATING
S2: SINGLE LAYER MgF2

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



4. FINE GRIND SURFACE

5. TRANSMITTED WAVEFRONT DISTORTION RMS@ 632.8nm ≤ ¼ WAVE
6. ROHS COMPLIANT



LONGPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2
SHAPE	PLANO	PLANO
SURFACE QUALITY	40-20	40-20
CLEAR APERTURE	80%	80%
COATING APERTURE	Ø11.00	Ø11.00
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

THIRD ANGLE
PROJECTION



ALL DIMS IN

mm

Edmund Optics®

TITLE

OD2, Ø12.5mm, 925nm LONGPASS FILTER

DWG NO

64678

SHEET
1 OF 1

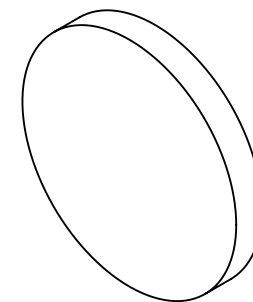
NOTES:

1. SUBSTRATE
UV GRADE FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN 5 ARCSEC
3. COATING (APPLY ACROSS COATING APERTURE)

PERFORMANCE SPECIFICATIONS @ 0° AOI
T(AVG): >85% FROM 1010 - 2000nm
T(AVG): < 1% FROM 735 - 925nm
T(ABS): = 50% @ 975nm

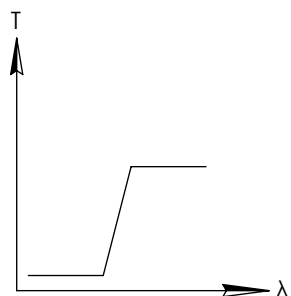
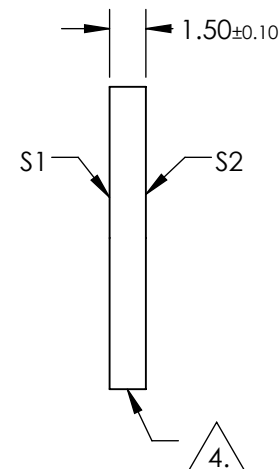
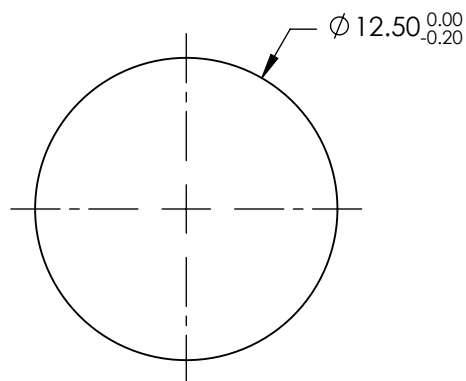
S1: MULTILAYER DIELECTRIC COATING
S2: SINGLE LAYER MgF2

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



4. FINE GRIND SURFACE

5. TRANSMITTED WAVEFRONT DISTORTION RMS@ 632.8nm ≤ ¼ WAVE
6. ROHS COMPLIANT

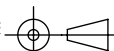


LONGPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2
SHAPE	PLANO	PLANO
SURFACE QUALITY	40-20	40-20
CLEAR APERTURE	80%	80%
COATING APERTURE	Ø11.00	Ø11.00
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

THIRD ANGLE
PROJECTION



ALL DIMS IN

mm

Edmund Optics®

TITLE

OD2, Ø12.5mm, 975nm LONGPASS FILTER

DWG NO

64679

SHEET
1 OF 1

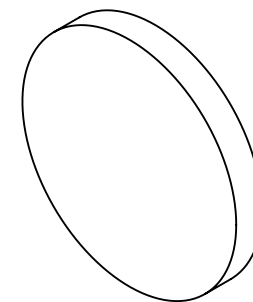
NOTES:

1. SUBSTRATE
UV GRADE FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN 5 ARCSEC
3. COATING (APPLY ACROSS COATING APERTURE)

PERFORMANCE SPECIFICATIONS @ 0° AOI
T(AVG): >85% FROM 1060 - 2000nm
T(AVG): < 1% FROM 780 - 975nm
T(ABS): = 50% @ 1025nm

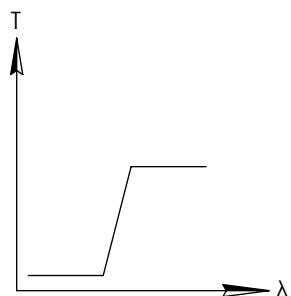
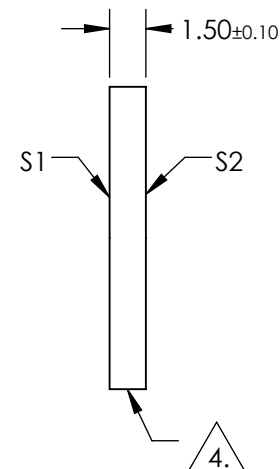
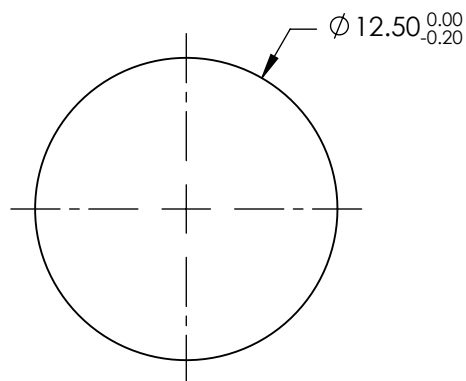
S1: MULTILAYER DIELECTRIC COATING
S2: SINGLE LAYER MgF2

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



4. FINE GRIND SURFACE

5. TRANSMITTED WAVEFRONT DISTORTION RMS@ 632.8nm ≤ ¼ WAVE
6. ROHS COMPLIANT



LONGPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2
SHAPE	PLANO	PLANO
SURFACE QUALITY	40-20	40-20
CLEAR APERTURE	80%	80%
COATING APERTURE	Ø11.00	Ø11.00
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

THIRD ANGLE
PROJECTION



ALL DIMS IN

mm

Edmund Optics®

TITLE

OD2, Ø12.5mm, 1025nm LONGPASS FILTER

DWG NO

64680

SHEET
1 OF 1

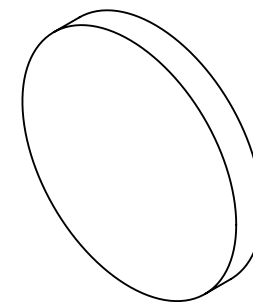
NOTES:

1. SUBSTRATE
UV GRADE FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN 5 ARCSEC
3. COATING (APPLY ACROSS COATING APERTURE)

PERFORMANCE SPECIFICATIONS @ 0° AOI
T(AVG): >85% FROM 1110 - 2000nm
T(AVG): < 1% FROM 820 - 1025nm
T(ABS): = 50% @ 1075nm

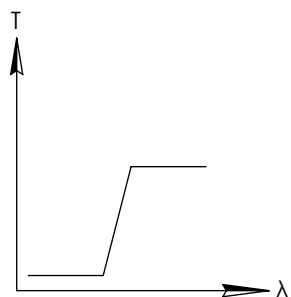
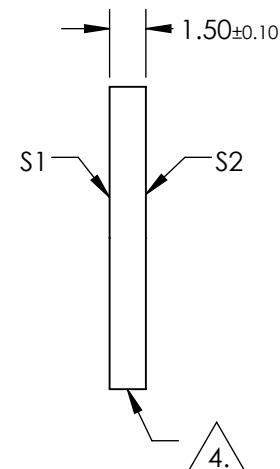
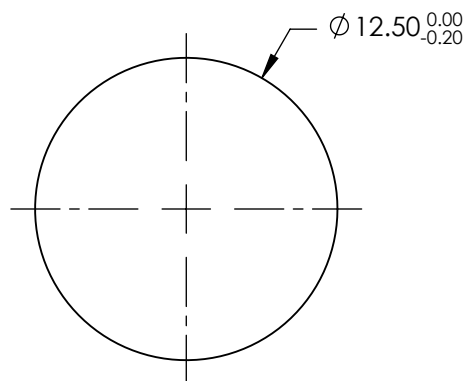
S1: MULTILAYER DIELECTRIC COATING
S2: SINGLE LAYER MgF2

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



4. FINE GRIND SURFACE

5. TRANSMITTED WAVEFRONT DISTORTION RMS@ 632.8nm ≤ ¼ WAVE
6. ROHS COMPLIANT

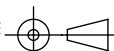


LONGPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2
SHAPE	PLANO	PLANO
SURFACE QUALITY	40-20	40-20
CLEAR APERTURE	80%	80%
COATING APERTURE	Ø11.00	Ø11.00
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

THIRD ANGLE
PROJECTION



ALL DIMS IN

mm

Edmund Optics®

TITLE

OD2, Ø12.5mm, 1075nm LONGPASS FILTER

DWG NO

64681

SHEET
1 OF 1

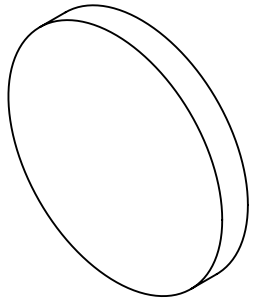
NOTES:

1. SUBSTRATE
UV GRADE FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN 5 ARCSEC
3. COATING (APPLY ACROSS COATING APERTURE)

PERFORMANCE SPECIFICATIONS @ 0° AOI
T(AVG): >85% FROM 1160 - 2000nm
T(AVG): < 1% FROM 860 - 1070nm
T(ABS): = 50% @ 1125nm

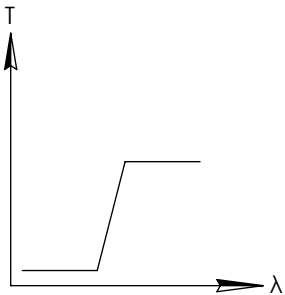
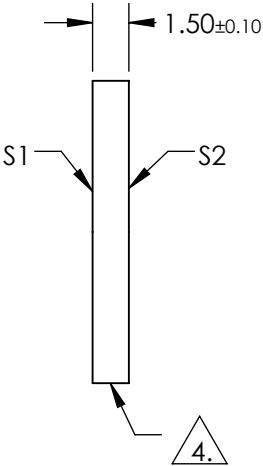
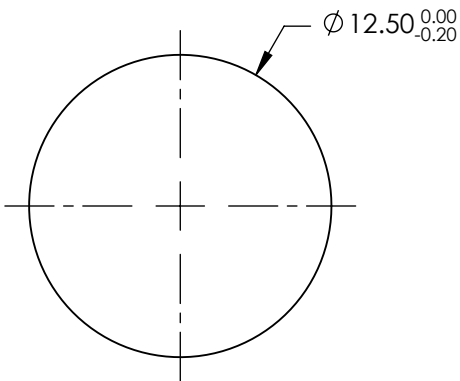
S1: MULTILAYER DIELECTRIC COATING
S2: SINGLE LAYER MgF2

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



4. FINE GRIND SURFACE

5. TRANSMITTED WAVEFRONT DISTORTION RMS@ 632.8nm ≤ ¼ WAVE
6. ROHS COMPLIANT



LONGPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2
SHAPE	PLANO	PLANO
SURFACE QUALITY	40-20	40-20
CLEAR APERTURE	80%	80%
COATING APERTURE	Ø11.00	Ø11.00
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

Edmund Optics®



ALL DIMS IN

mm

TITLE

OD2, Ø12.5mm, 1125nm LONGPASS FILTER

DWG NO

64682

SHEET
1 OF 1

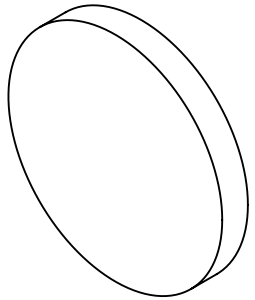
NOTES:

1. SUBSTRATE
UV GRADE FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN 5 ARCSEC
3. COATING (APPLY ACROSS COATING APERTURE)

PERFORMANCE SPECIFICATIONS @ 0° AOI
T(AVG): >85% FROM 1190 - 2000nm
T(AVG): < 1% FROM 875 - 1095nm
T(ABS): = 50% @ 1150nm

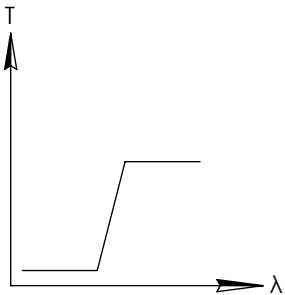
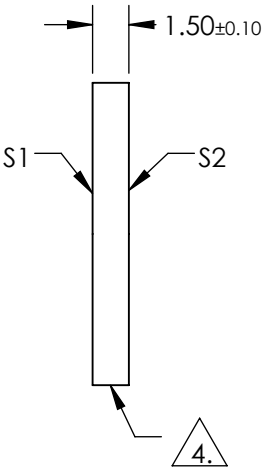
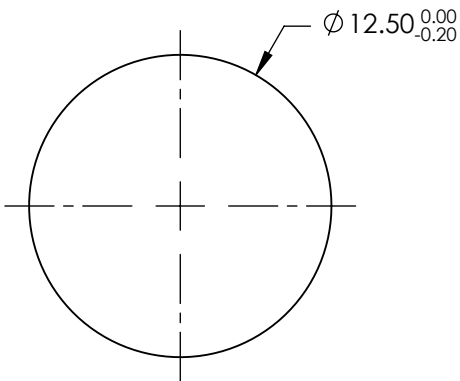
S1: MULTILAYER DIELECTRIC COATING
S2: SINGLE LAYER MgF2

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



4. FINE GRIND SURFACE

5. TRANSMITTED WAVEFRONT DISTORTION RMS@ 632.8nm ≤ ¼ WAVE
6. ROHS COMPLIANT



LONGPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2
SHAPE	PLANO	PLANO
SURFACE QUALITY	40-20	40-20
CLEAR APERTURE	80%	80%
COATING APERTURE	Ø11.00	Ø11.00
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

Edmund Optics®



ALL DIMS IN

mm

TITLE

OD2, Ø12.5mm, 1150nm LONGPASS FILTER

DWG NO

67294

SHEET
1 OF 1

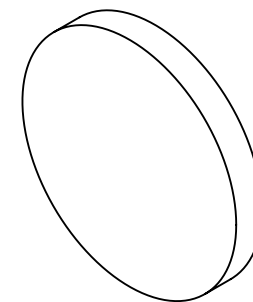
NOTES:

1. SUBSTRATE
UV GRADE FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN 5 ARCSEC
3. COATING (APPLY ACROSS COATING APERTURE)

PERFORMANCE SPECIFICATIONS @ 0° AOI
T(AVG): >85% FROM 1215 - 2000nm
T(AVG): < 1% FROM 900 - 1120nm
T(ABS): = 50% @ 1175nm

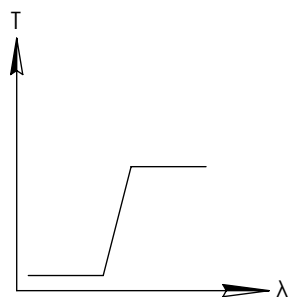
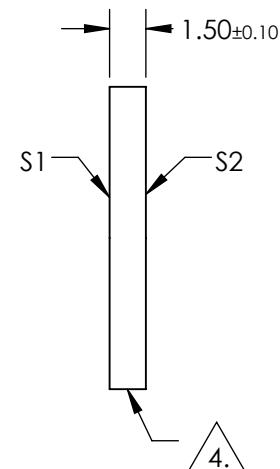
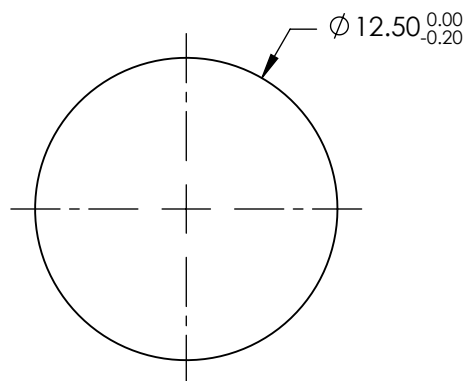
S1: MULTILAYER DIELECTRIC COATING
S2: SINGLE LAYER MgF2

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



4. FINE GRIND SURFACE

5. TRANSMITTED WAVEFRONT DISTORTION RMS@ 632.8nm ≤ ¼ WAVE
6. ROHS COMPLIANT

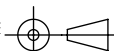


LONGPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2
SHAPE	PLANO	PLANO
SURFACE QUALITY	40-20	40-20
CLEAR APERTURE	80%	80%
COATING APERTURE	Ø11.00	Ø11.00
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

THIRD ANGLE
PROJECTION



ALL DIMS IN

mm

Edmund Optics®

TITLE

OD2, Ø12.5mm, 1175nm LONGPASS FILTER

DWG NO

67295

SHEET
1 OF 1

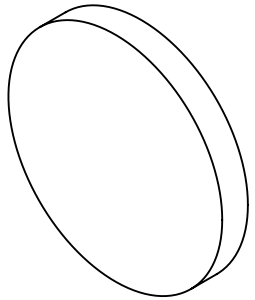
NOTES:

1. SUBSTRATE
UV GRADE FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN 5 ARCSEC
3. COATING (APPLY ACROSS COATING APERTURE)

PERFORMANCE SPECIFICATIONS @ 0° AOI
T(AVG): >85% FROM 1240 - 2000nm
T(AVG): < 1% FROM 920 - 1160nm
T(ABS): = 50% @ 1200nm

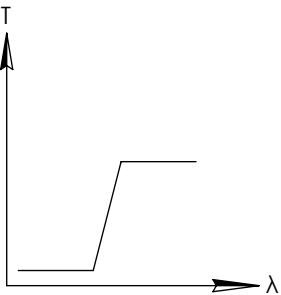
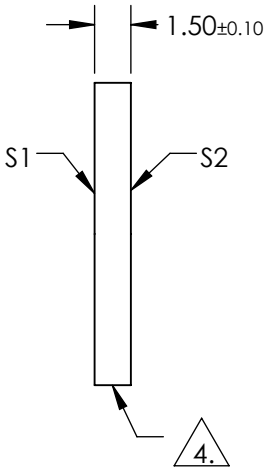
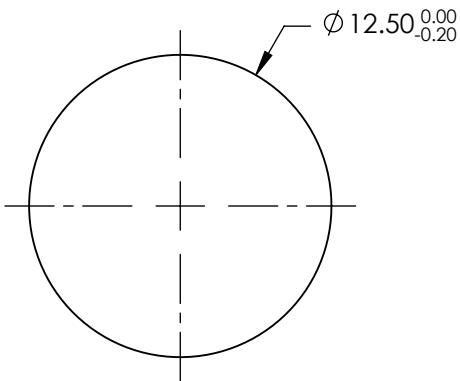
S1: MULTILAYER DIELECTRIC COATING
S2: SINGLE LAYER MgF2

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



4. FINE GRIND SURFACE

5. TRANSMITTED WAVEFRONT DISTORTION RMS@ 632.8nm ≤ ¼ WAVE
6. ROHS COMPLIANT



LONGPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2
SHAPE	PLANO	PLANO
SURFACE QUALITY	40-20	40-20
CLEAR APERTURE	80%	80%
COATING APERTURE	Ø11.00	Ø11.00
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

Edmund Optics®



ALL DIMS IN

mm

TITLE

OD2, Ø12.5mm, 1200nm LONGPASS FILTER

DWG NO

67296

SHEET
1 OF 1