NOTES:

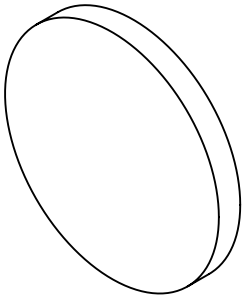
1. SUBSTRATE
   UV GRADE FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN 5 ARCSEC
3. COATING (APPLY ACROSS COATING APERTURE)

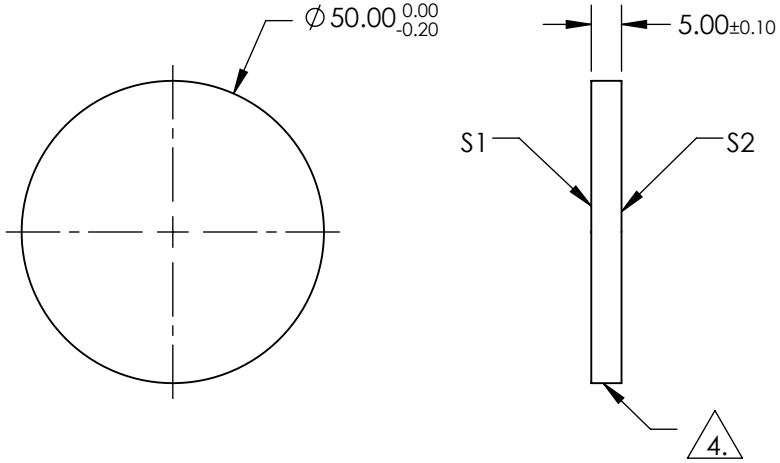
   PERFORMANCE SPECIFICATIONS @ 0° AOI
   T(AVG): >85% FROM 420 - 2000nm
   T(AVG): < 1% FROM 200 - 375nm
   T(ABS): = 50% 400nm @ 45° AOI

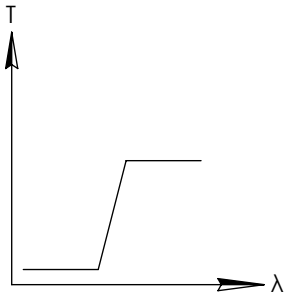
   S1: MULTILAYER DIELECTRIC COATING
   S2: SINGLE LAYER MgF2

4. FINE GRIND SURFACE
5. TRANSMITTED WAVEFRONT DISTORTION RMS@ 632.8nm ≤ ¼ WAVE
6. ROHS COMPLIANT

FOR INFORMATION ONLY:
DO NOT MANUFACTURE PARTS TO THIS DRAWING







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	Ø40.00	Ø40.00
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

Edmund Optics®

THIRD ANGLE PROJECTION

TITLE: OD2, Ø50mm, 400nm LONGPASS FILTER

ALL DIMS IN: mm

DWG NO: 64697

SHEET 1 OF 1

NOTES:

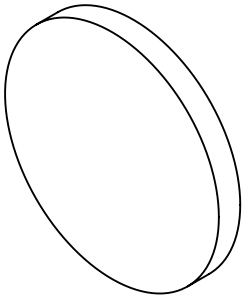
1. SUBSTRATE
   UV GRADE FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN 5 ARCSEC
3. COATING (APPLY ACROSS COATING APERTURE)

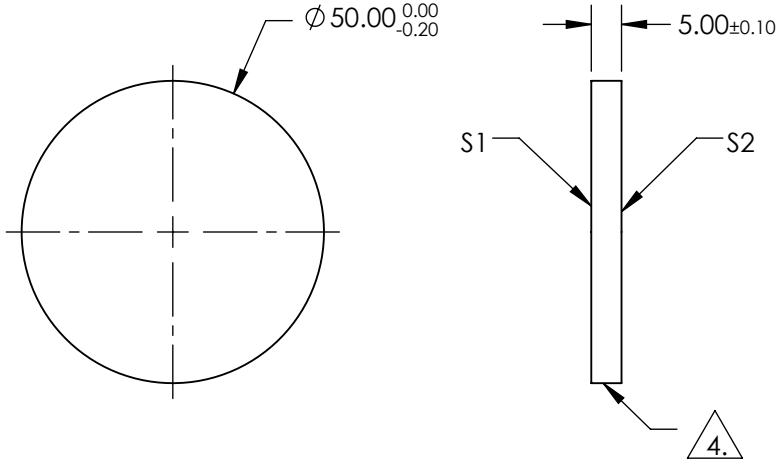
   PERFORMANCE SPECIFICATIONS @ 0° AOI
   T(AVG): >85% FROM 470 - 2000nm
   T(AVG): < 1% FROM 200 - 430nm
   T(ABS): = 50% 450nm @ 45° AOI

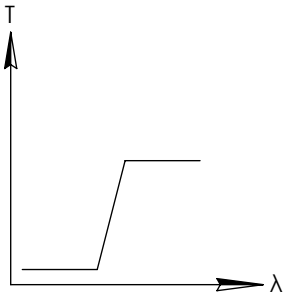
   S1: MULTILAYER DIELECTRIC COATING
   S2: SINGLE LAYER MgF2

4. FINE GRIND SURFACE
5. TRANSMITTED WAVEFRONT DISTORTION RMS@ 632.8nm ≤ ¼ WAVE
6. ROHS COMPLIANT

FOR INFORMATION ONLY:
DO NOT MANUFACTURE PARTS TO THIS DRAWING







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	Ø40.00	Ø40.00
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

Edmund Optics®

THIRD ANGLE PROJECTION

TITLE: OD2, Ø50mm, 450nm LONGPASS FILTER

ALL DIMS IN: mm

DWG NO: 64698

SHEET 1 OF 1

NOTES:

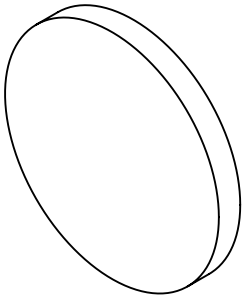
1. SUBSTRATE
   UV GRADE FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN 5 ARCSEC
3. COATING (APPLY ACROSS COATING APERTURE)

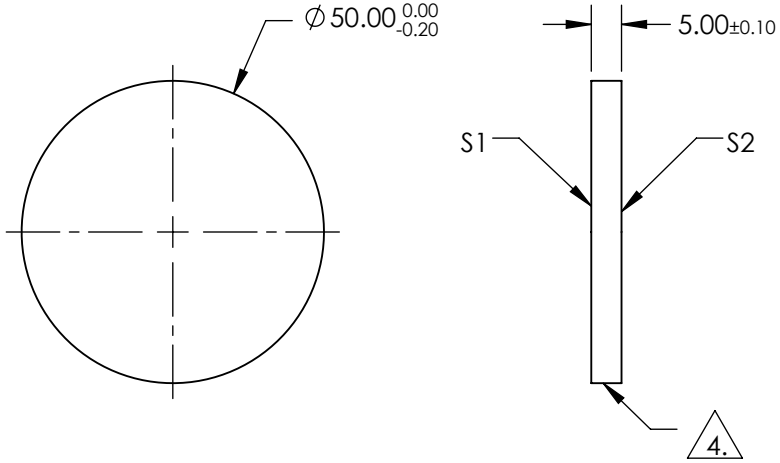
   PERFORMANCE SPECIFICATIONS @ 0° AOI
   T(AVG): >85% FROM 520 - 2000nm
   T(AVG): < 1% FROM 200 - 480nm
   T(ABS): = 50% 500nm @ 45° AOI

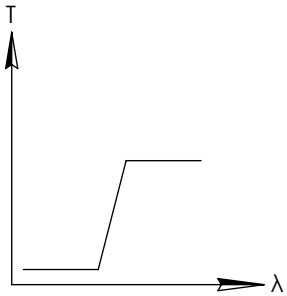
   S1: MULTILAYER DIELECTRIC COATING
   S2: SINGLE LAYER MgF2

4. FINE GRIND SURFACE
5. TRANSMITTED WAVEFRONT DISTORTION RMS@ 632.8nm ≤ ¼ WAVE
6. ROHS COMPLIANT

FOR INFORMATION ONLY:
DO NOT MANUFACTURE PARTS TO THIS DRAWING







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	Ø40.00	Ø40.00
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

Edmund Optics®

THIRD ANGLE PROJECTION

TITLE: OD2, Ø50mm, 500nm LONGPASS FILTER

ALL DIMS IN: mm

DWG NO: 64699

SHEET 1 OF 1

NOTES:

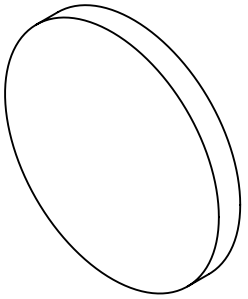
1. SUBSTRATE
   UV GRADE FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN 5 ARCSEC
3. COATING (APPLY ACROSS COATING APERTURE)

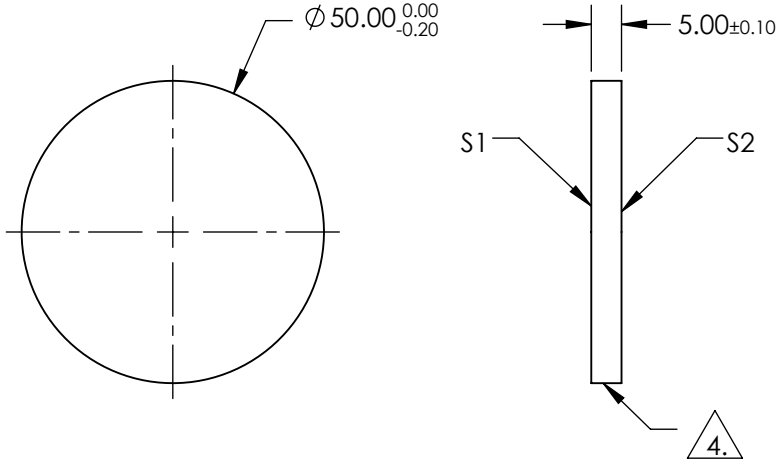
   PERFORMANCE SPECIFICATIONS @ 0° AOI
   T(AVG): >85% FROM 575 - 2000nm
   T(AVG): < 1% FROM 415 - 515nm
   T(ABS): = 50% 550nm @ 45° AOI

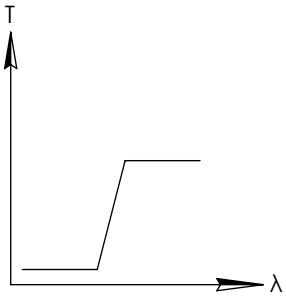
   S1: MULTILAYER DIELECTRIC COATING
   S2: SINGLE LAYER MgF2

4. FINE GRIND SURFACE
5. TRANSMITTED WAVEFRONT DISTORTION RMS@ 632.8nm ≤ ¼ WAVE
6. ROHS COMPLIANT

FOR INFORMATION ONLY:
DO NOT MANUFACTURE PARTS TO THIS DRAWING







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	Ø40.00	Ø40.00
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

Edmund Optics®

THIRD ANGLE PROJECTION

TITLE: OD2, Ø50mm, 550nm LONGPASS FILTER

ALL DIMS IN: mm

DWG NO: 64700

SHEET 1 OF 1

NOTES:

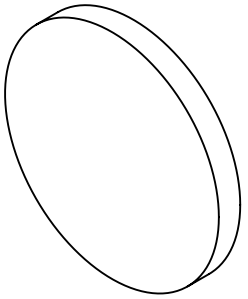
1. SUBSTRATE
   UV GRADE FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN 5 ARCSEC
3. COATING (APPLY ACROSS COATING APERTURE)

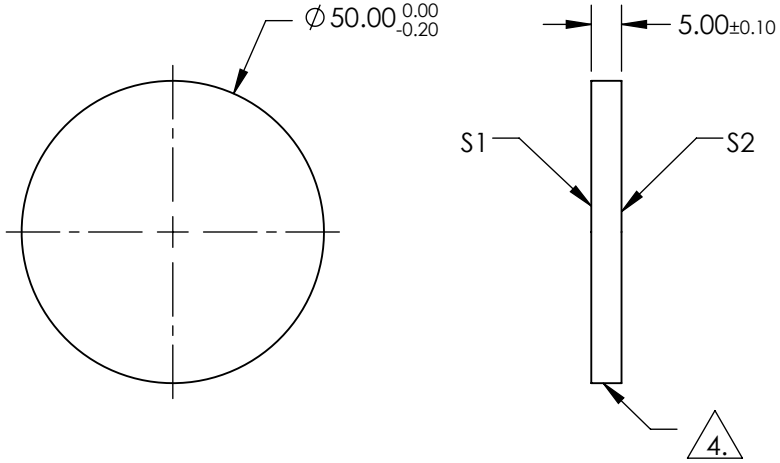
   PERFORMANCE SPECIFICATIONS @ 0° AOI
   T(AVG): >85% FROM 625 - 2000nm
   T(AVG): < 1% FROM 460 - 570nm
   T(ABS): = 50% 600nm @ 45° AOI

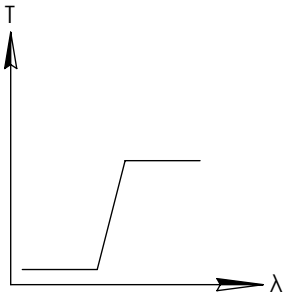
   S1: MULTILAYER DIELECTRIC COATING
   S2: SINGLE LAYER MgF2

4. FINE GRIND SURFACE
5. TRANSMITTED WAVEFRONT DISTORTION RMS@ 632.8nm ≤ ¼ WAVE
6. ROHS COMPLIANT

FOR INFORMATION ONLY:
DO NOT MANUFACTURE PARTS TO THIS DRAWING







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	Ø40.00	Ø40.00
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

Edmund Optics®

THIRD ANGLE PROJECTION

TITLE: OD2, Ø50mm, 600nm LONGPASS FILTER

ALL DIMS IN: mm

DWG NO: 64701

SHEET 1 OF 1

NOTES:

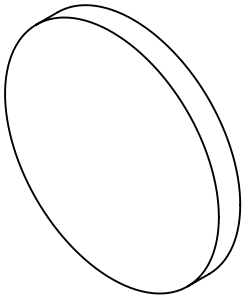
1. SUBSTRATE
   UV GRADE FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN 5 ARCSEC
3. COATING (APPLY ACROSS COATING APERTURE)

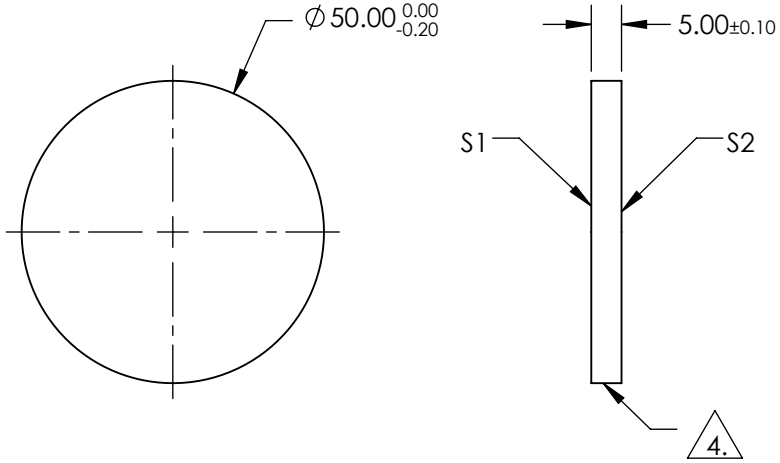
   PERFORMANCE SPECIFICATIONS @ 0° AOI
   T(AVG): >85% FROM 675 - 2000nm
   T(AVG): < 1% FROM 495 - 610nm
   T(ABS): = 50% 650nm @ 45° AOI

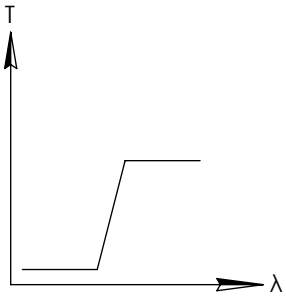
   S1: MULTILAYER DIELECTRIC COATING
   S2: SINGLE LAYER MgF2

4. FINE GRIND SURFACE
5. TRANSMITTED WAVEFRONT DISTORTION RMS@ 632.8nm ≤ ¼ WAVE
6. ROHS COMPLIANT

FOR INFORMATION ONLY:
DO NOT MANUFACTURE PARTS TO THIS DRAWING







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	Ø40.00	Ø40.00
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

Edmund Optics®

THIRD ANGLE PROJECTION

TITLE: OD2, Ø50mm, 650nm LONGPASS FILTER

ALL DIMS IN: mm

DWG NO: 64702

SHEET 1 OF 1

NOTES:

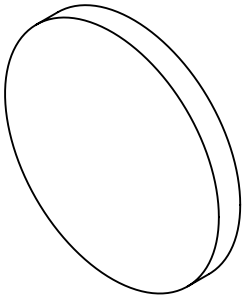
1. SUBSTRATE
   UV GRADE FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN 5 ARCSEC
3. COATING (APPLY ACROSS COATING APERTURE)

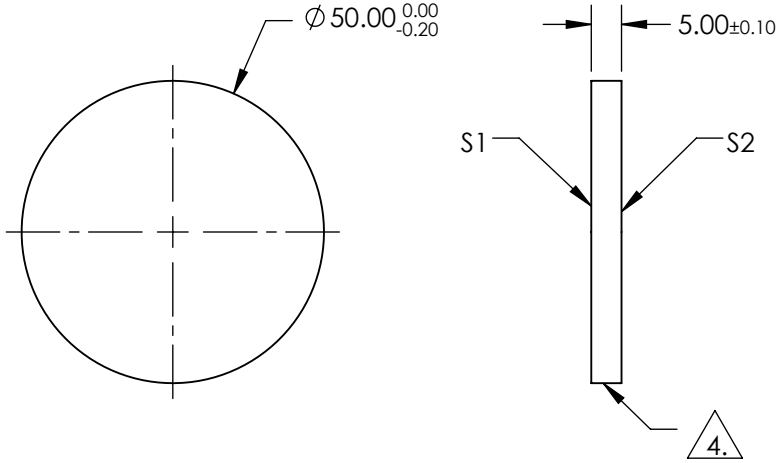
   PERFORMANCE SPECIFICATIONS @ 0° AOI
   T(AVG): >85% FROM 725 - 2000nm
   T(AVG): < 1% FROM 535 - 660nm
   T(ABS): = 50% 700nm @ 45° AOI

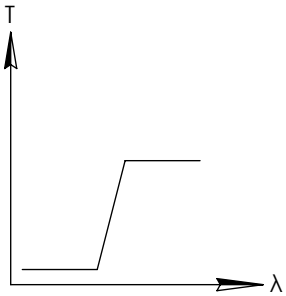
   S1: MULTILAYER DIELECTRIC COATING
   S2: SINGLE LAYER MgF2

4. FINE GRIND SURFACE
5. TRANSMITTED WAVEFRONT DISTORTION RMS@ 632.8nm ≤ ¼ WAVE
6. ROHS COMPLIANT

FOR INFORMATION ONLY:
DO NOT MANUFACTURE PARTS TO THIS DRAWING







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	Ø40.00	Ø40.00
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

Edmund Optics®

THIRD ANGLE PROJECTION

TITLE: OD2, Ø50mm, 700nm LONGPASS FILTER

ALL DIMS IN: mm

DWG NO: 64703

SHEET 1 OF 1