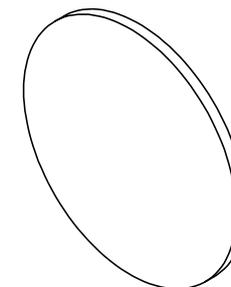


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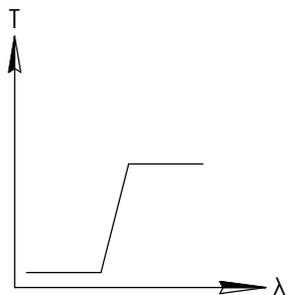
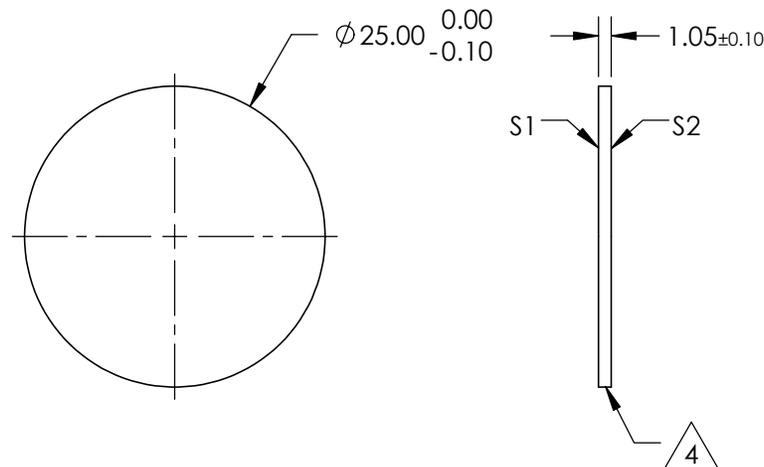
**FOR INFORMATION ONLY:
DO NOT MANUFACTURE
PARTS TO THIS DRAWING**



1. SUBSTRATE
 2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN 5 arcsec
 3. COATING (APPLY ACROSS COATING APERTURE)
ENVIRONMENTAL DURABILITY:
PHYSICAL DURABILITY:
PERFORMANCE SPECIFICATIONS:
T(avg): >85% FROM 420 - 1600nm FOR RANDOM POLARIZATION @ 45° AOI
T(abs): >80% FROM 420 - 1600nm FOR ALL POLARIZATIONS @ 45° AOI
R(avg): >97% FROM 350 - 375nm FOR RANDOM POLARIZATION @ 45° AOI
R(abs): >95% FROM 350 - 375nm FOR ALL POLARIZATIONS @ 45° AOI
T(abs): = 50% 400nm @ 45° AOI
- S1: HARD COATED
S2: SINGLE LAYER MgF2

 FINE GRIND SURFACE

5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS
APPLY ACROSS CLEAR APERTURE
6. TRANSMITTED WAVEFRONT DISTORTION RMS@ 632.8nm $\leq \frac{1}{4} \lambda$
7. ROHS COMPLIANT



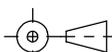
LONGPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2
SHAPE	PLANO	PLANO
SURFACE QUALITY	40-20	40-20
CLEAR APERTURE	Ø22.00	Ø22.00
COATING APERTURE	Ø24.00	Ø24.00
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

 **Edmund Optics®**

THIRD ANGLE
PROJECTION



TITLE

Ø25mm, 400nm DICHROIC LONGPASS FILTER

DWG NO

69886

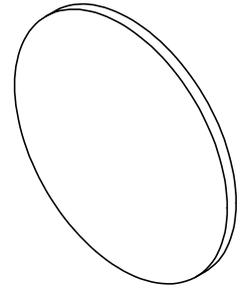
SHEET
1 OF 1

ALL DIMS IN

mm

NOTES:

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

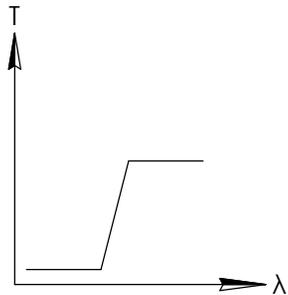
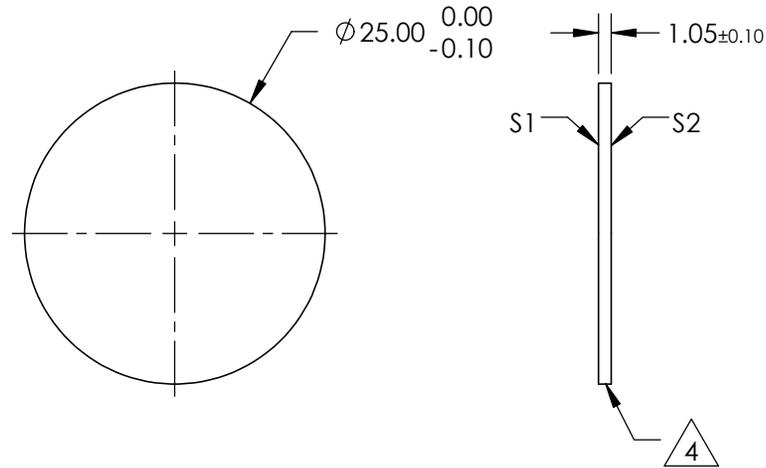


1. SUBSTRATE
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN 5 arcsec
3. COATING (APPLY ACROSS COATING APERTURE)
ENVIRONMENTAL DURABILITY:
PHYSICAL DURABILITY:
PERFORMANCE SPECIFICATIONS:
T(avg): >85% FROM 470 - 1600nm FOR RANDOM POLARIZATION @ 45° AOI
T(abs): >80% FROM 470 - 1600nm FOR ALL POLARIZATIONS @ 45° AOI
R(avg): >97% FROM 350 - 430nm FOR RANDOM POLARIZATION @ 45° AOI
R(abs): >95% FROM 350 - 430nm FOR ALL POLARIZATIONS @ 45° AOI
T(abs): = 50% 450nm @ 45° AOI

S1: HARD COATED
S2: SINGLE LAYER MgF2

 FINE GRIND SURFACE

5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS
APPLY ACROSS CLEAR APERTURE
6. TRANSMITTED WAVEFRONT DISTORTION RMS@ 632.8nm $\leq \frac{1}{4} \lambda$
7. ROHS COMPLIANT

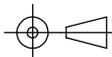


LONGPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2
SHAPE	PLANO	PLANO
SURFACE QUALITY	40-20	40-20
CLEAR APERTURE	Ø22.00	Ø22.00
COATING APERTURE	Ø24.00	Ø24.00
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

THIRD ANGLE
PROJECTION



ALL DIMS IN

mm

 **Edmund Optics®**

TITLE

Ø25mm, 450nm DICHROIC LONGPASS FILTER

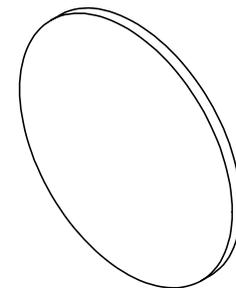
DWG NO

69887

SHEET
1 OF 1

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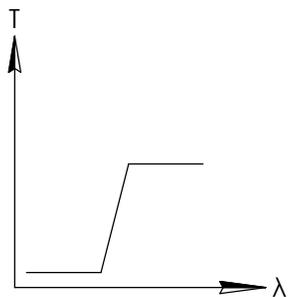
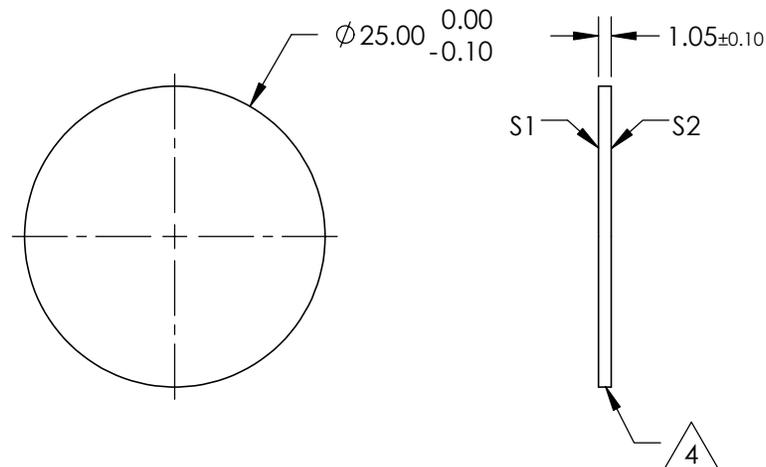
**FOR INFORMATION ONLY:
DO NOT MANUFACTURE
PARTS TO THIS DRAWING**



1. SUBSTRATE
 2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN 5 arcsec
 3. COATING (APPLY ACROSS COATING APERTURE)
ENVIRONMENTAL DURABILITY:
PHYSICAL DURABILITY:
PERFORMANCE SPECIFICATIONS:
T(avg): >85% FROM 520 - 1600nm FOR RANDOM POLARIZATION @ 45° AOI
T(abs): >80% FROM 520 - 1600nm FOR ALL POLARIZATIONS @ 45° AOI
R(avg): >97% FROM 350 - 480nm FOR RANDOM POLARIZATION @ 45° AOI
R(abs): >95% FROM 350 - 480nm FOR ALL POLARIZATIONS @ 45° AOI
T(abs): = 50% 500nm @ 45° AOI
- S1: HARD COATED
S2: SINGLE LAYER MgF2

FINE GRIND SURFACE

5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS
APPLY ACROSS CLEAR APERTURE
6. TRANSMITTED WAVEFRONT DISTORTION RMS@ 632.8nm $\leq \frac{1}{4} \lambda$
7. 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	Ø22.00	Ø22.00
COATING APERTURE	Ø24.00	Ø24.00
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

Edmund Optics®

THIRD ANGLE PROJECTION



TITLE Ø25mm, 500nm DICHROIC LONGPASS FILTER

ALL DIMS IN

mm

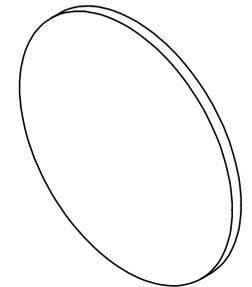
DWG NO

69888

SHEET
1 OF 1

NOTES:

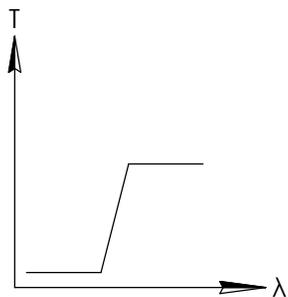
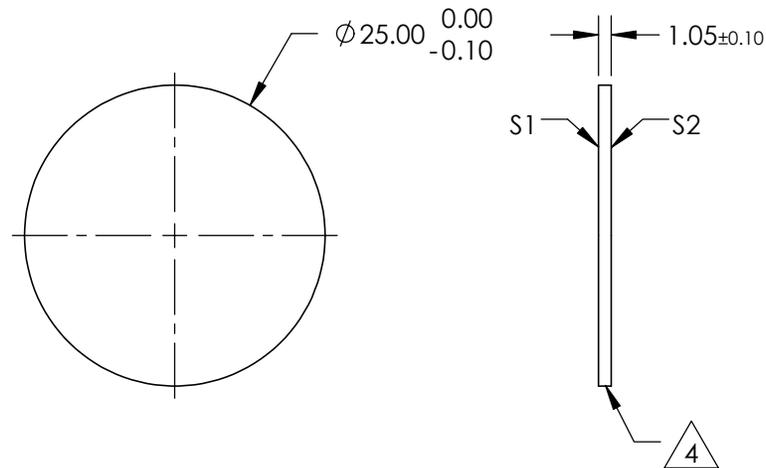
**FOR INFORMATION ONLY:
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PARTS TO THIS DRAWING**



1. SUBSTRATE
 2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN 5 arcsec
 3. COATING (APPLY ACROSS COATING APERTURE)
ENVIRONMENTAL DURABILITY:
PHYSICAL DURABILITY:
PERFORMANCE SPECIFICATIONS:
T(avg): >85% FROM 575 - 1600nm FOR RANDOM POLARIZATION @ 45° AOI
T(abs): >80% FROM 575 - 1600nm FOR ALL POLARIZATIONS @ 45° AOI
R(avg): >97% FROM 415 - 515nm FOR RANDOM POLARIZATION @ 45° AOI
R(abs): >95% FROM 415 - 515nm FOR ALL POLARIZATIONS @ 45° AOI
T(abs): = 50% 550nm @ 45° AOI
- S1: HARD COATED
S2: SINGLE LAYER MgF2

FINE GRIND SURFACE

5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS
APPLY ACROSS CLEAR APERTURE
6. TRANSMITTED WAVEFRONT DISTORTION RMS@ 632.8nm $\leq \frac{1}{4} \lambda$
7. ROHS COMPLIANT



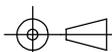
LONGPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2
SHAPE	PLANO	PLANO
SURFACE QUALITY	40-20	40-20
CLEAR APERTURE	Ø22.00	Ø22.00
COATING APERTURE	Ø24.00	Ø24.00
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

Edmund Optics®

THIRD ANGLE PROJECTION



TITLE

Ø25mm, 550nm DICHROIC LONGPASS FILTER

ALL DIMS IN

mm

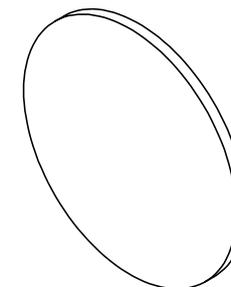
DWG NO

69889

SHEET
1 OF 1

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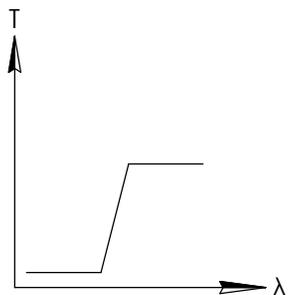
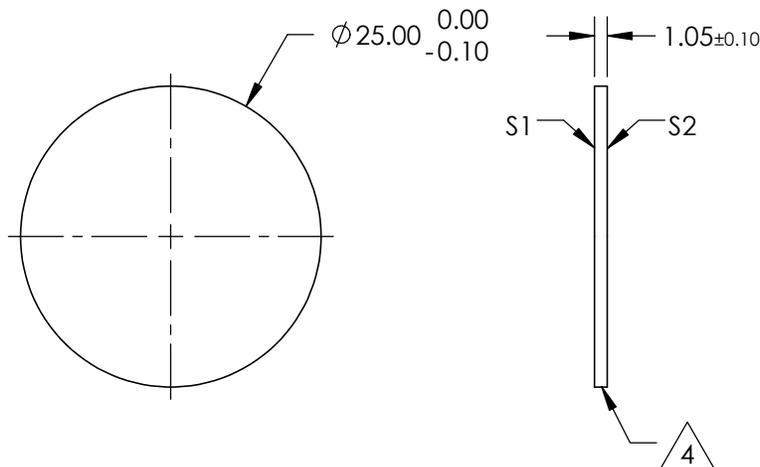
**FOR INFORMATION ONLY:
DO NOT MANUFACTURE
PARTS TO THIS DRAWING**



1. SUBSTRATE
 2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN 5 arcsec
 3. COATING (APPLY ACROSS COATING APERTURE)
ENVIRONMENTAL DURABILITY:
PHYSICAL DURABILITY:
PERFORMANCE SPECIFICATIONS:
T(avg): >85% FROM 625 - 1600nm FOR RANDOM POLARIZATION @ 45° AOI
T(abs): >80% FROM 625 - 1600nm FOR ALL POLARIZATIONS @ 45° AOI
R(avg): >97% FROM 460 - 570nm FOR RANDOM POLARIZATION @ 45° AOI
R(abs): >95% FROM 460 - 570nm FOR ALL POLARIZATIONS @ 45° AOI
T(abs): = 50% 600nm @ 45° AOI
- S1: HARD COATED
S2: SINGLE LAYER MgF2

 FINE GRIND SURFACE

5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS
APPLY ACROSS CLEAR APERTURE
6. TRANSMITTED WAVEFRONT DISTORTION RMS@ 632.8nm $\leq \frac{1}{4} \lambda$
7. 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	Ø22.00	Ø22.00
COATING APERTURE	Ø24.00	Ø24.00
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

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THIRD ANGLE PROJECTION



TITLE

Ø25mm, 600nm DICHROIC LONGPASS FILTER

ALL DIMS IN

mm

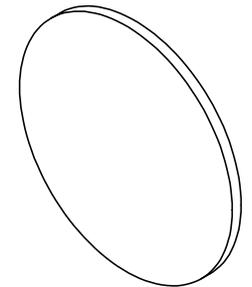
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69890

SHEET
1 OF 1

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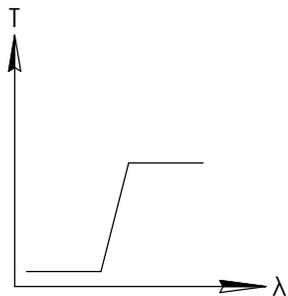
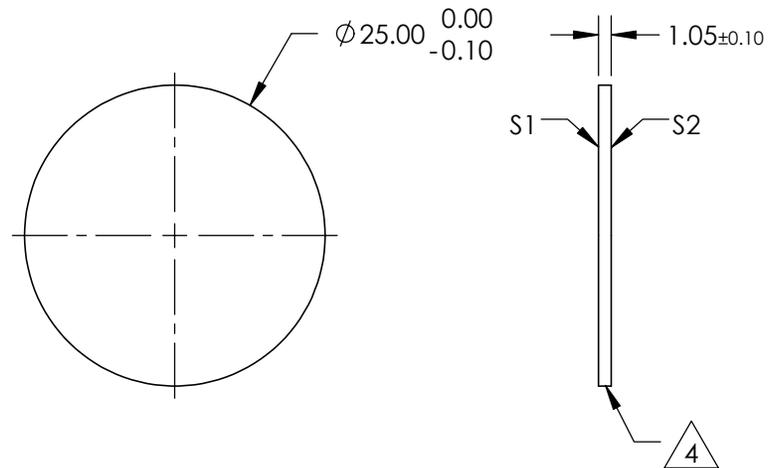
**FOR INFORMATION ONLY:
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PARTS TO THIS DRAWING**



1. SUBSTRATE
 2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN 5 arcsec
 3. COATING (APPLY ACROSS COATING APERTURE)
ENVIRONMENTAL DURABILITY:
PHYSICAL DURABILITY:
PERFORMANCE SPECIFICATIONS:
T(avg): >85% FROM 675 - 1600nm FOR RANDOM POLARIZATION @ 45° AOI
T(abs): >80% FROM 675 - 1600nm FOR ALL POLARIZATIONS @ 45° AOI
R(avg): >97% FROM 495 - 610nm FOR RANDOM POLARIZATION @ 45° AOI
R(abs): >95% FROM 495 - 610nm FOR ALL POLARIZATIONS @ 45° AOI
T(abs): = 50% 650nm @ 45° AOI
- S1: HARD COATED
S2: SINGLE LAYER MgF2

 FINE GRIND SURFACE

5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS
APPLY ACROSS CLEAR APERTURE
6. TRANSMITTED WAVEFRONT DISTORTION RMS@ 632.8nm $\leq \frac{1}{4} \lambda$
7. ROHS COMPLIANT

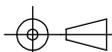


LONGPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2
SHAPE	PLANO	PLANO
SURFACE QUALITY	40-20	40-20
CLEAR APERTURE	Ø22.00	Ø22.00
COATING APERTURE	Ø24.00	Ø24.00
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

THIRD ANGLE
PROJECTION



ALL DIMS IN

mm

 **Edmund Optics®**

TITLE

Ø25mm, 650nm DICHROIC LONGPASS FILTER

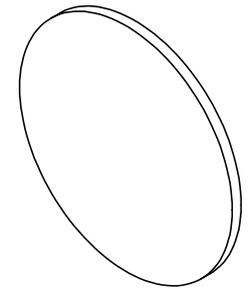
DWG NO

69891

SHEET
1 OF 1

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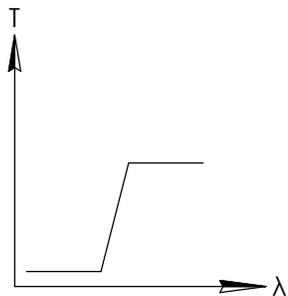
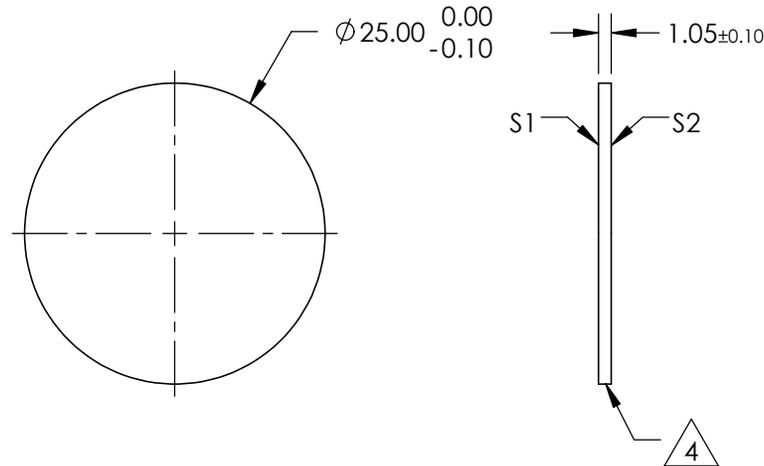
**FOR INFORMATION ONLY:
DO NOT MANUFACTURE
PARTS TO THIS DRAWING**



1. SUBSTRATE
 2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN 5 arcsec
 3. COATING (APPLY ACROSS COATING APERTURE)
ENVIRONMENTAL DURABILITY:
PHYSICAL DURABILITY:
PERFORMANCE SPECIFICATIONS:
T(avg): >85% FROM 725 - 1600nm FOR RANDOM POLARIZATION @ 45° AOI
T(abs): >80% FROM 725 - 1600nm FOR ALL POLARIZATIONS @ 45° AOI
R(avg): >97% FROM 535 - 660nm FOR RANDOM POLARIZATION @ 45° AOI
R(abs): >95% FROM 535 - 660nm FOR ALL POLARIZATIONS @ 45° AOI
T(abs): = 50% 700nm @ 45° AOI
- S1: HARD COATED
S2: SINGLE LAYER MgF2

 FINE GRIND SURFACE

5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS
APPLY ACROSS CLEAR APERTURE
6. TRANSMITTED WAVEFRONT DISTORTION RMS@ 632.8nm $\leq \frac{1}{4} \lambda$
7. ROHS COMPLIANT



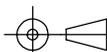
LONGPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2
SHAPE	PLANO	PLANO
SURFACE QUALITY	40-20	40-20
CLEAR APERTURE	Ø22.00	Ø22.00
COATING APERTURE	Ø24.00	Ø24.00
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

 **Edmund Optics®**

THIRD ANGLE
PROJECTION



TITLE

Ø25mm, 700nm DICHROIC LONGPASS FILTER

DWG NO

69892

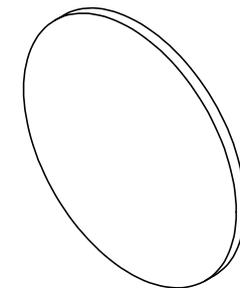
SHEET
1 OF 1

ALL DIMS IN

mm

NOTES:

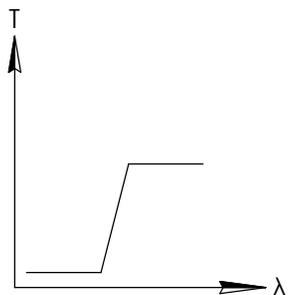
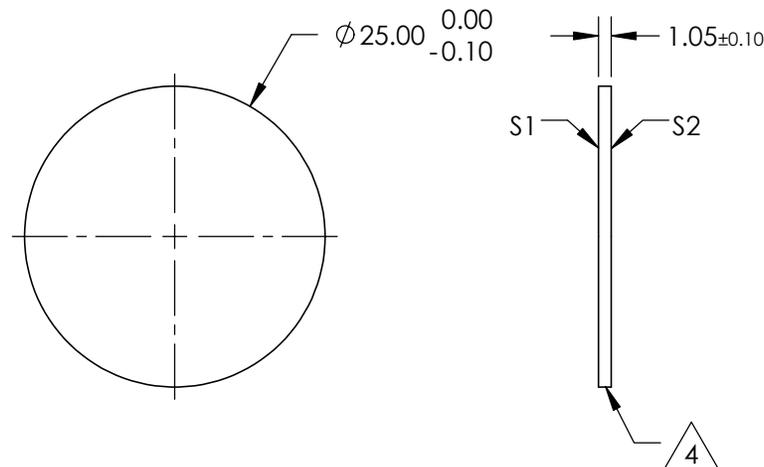
**FOR INFORMATION ONLY:
DO NOT MANUFACTURE
PARTS TO THIS DRAWING**



1. SUBSTRATE
 2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN 5 arcsec
 3. COATING (APPLY ACROSS COATING APERTURE)
ENVIRONMENTAL DURABILITY:
PHYSICAL DURABILITY:
PERFORMANCE SPECIFICATIONS:
T(avg): >85% FROM 780 - 1600nm FOR RANDOM POLARIZATION @ 45° AOI
T(abs): >80% FROM 780 - 1600nm FOR ALL POLARIZATIONS @ 45° AOI
R(avg): >97% FROM 565 - 715nm FOR RANDOM POLARIZATION @ 45° AOI
R(abs): >95% FROM 565 - 715nm FOR ALL POLARIZATIONS @ 45° AOI
T(abs): = 50% 750nm @ 45° AOI
- S1: HARD COATED
S2: SINGLE LAYER MgF2

FINE GRIND SURFACE

5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS
APPLY ACROSS CLEAR APERTURE
6. TRANSMITTED WAVEFRONT DISTORTION RMS@ 632.8nm $\leq \frac{1}{4} \lambda$
7. ROHS COMPLIANT



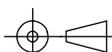
LONGPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2
SHAPE	PLANO	PLANO
SURFACE QUALITY	40-20	40-20
CLEAR APERTURE	Ø22.00	Ø22.00
COATING APERTURE	Ø24.00	Ø24.00
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

Edmund Optics®

THIRD ANGLE PROJECTION



TITLE

Ø25mm, 750nm DICHROIC LONGPASS FILTER

DWG NO

69893

SHEET
1 OF 1

ALL DIMS IN

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