

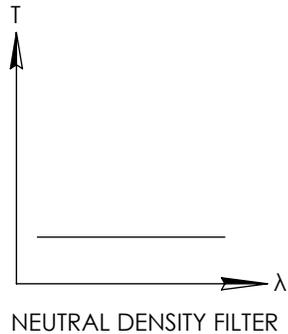
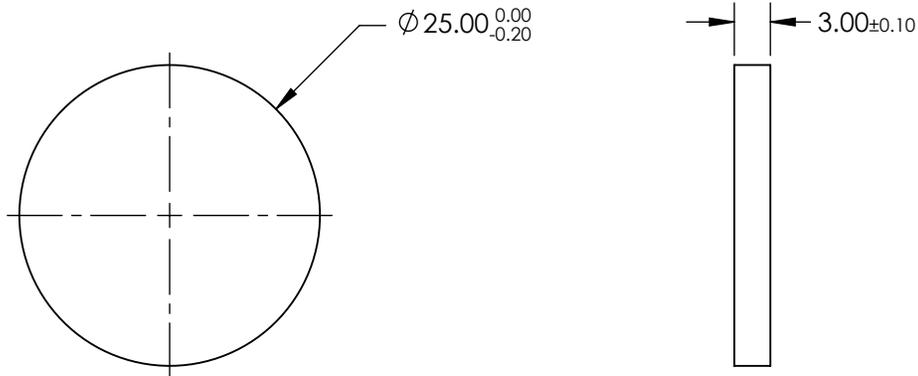
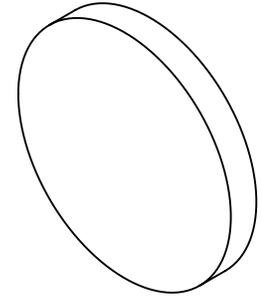
**FOR INFORMATION ONLY:
DO NOT MANUFACTURE
PARTS TO THIS DRAWING**

NOTES:

1. SUBSTRATE : FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN 5 ARCSEC
3. COATING(APPLY ACROSS CLEAR APERTURE)
S1: METALLIC N.D., OPTICAL DENSITY (abs) = 0.3 FROM PROTECTIVE AS NEEDED nm
S2: NONE

△ FINE GROUND SURFACE

5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
6. TRANSMITTED WAVEFRONT DISTORTION P-V @ 632.8nm: $\leq 0.1 \lambda$
7. ROHS COMPLIANT



SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2
SHAPE	PLANO	PLANO
SURFACE QUALITY	40-20	40-20
CLEAR APERTURE	Ø20	Ø20
COATING APERTURE	METALLIC BASED ND	METALLIC BASED ND
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

THIRD ANGLE PROJECTION

ALL DIMS IN mm

EO® Edmund Optics®

TITLE: OD 0.3, Ø25mm, NIR ND FILTER

DWG NO: 47528

SHEET 1 OF 1

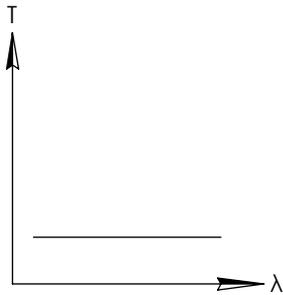
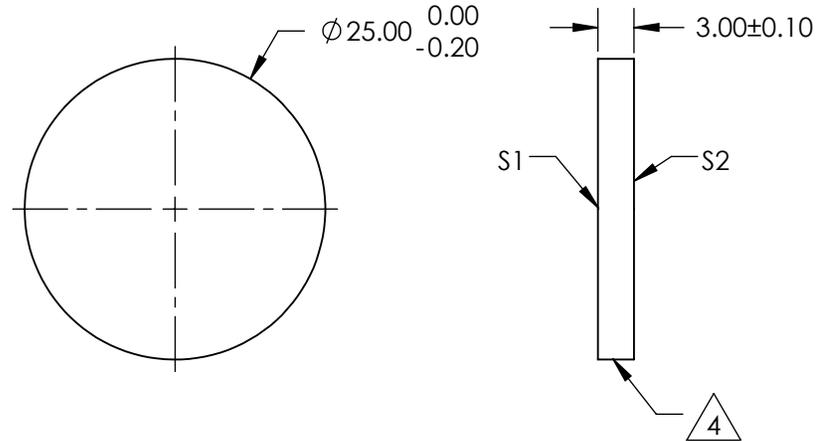
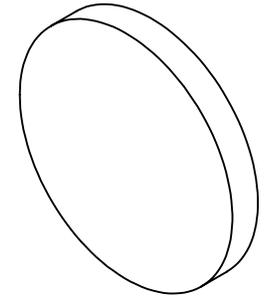
NOTES:

1. SUBSTRATE
FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN <3 arcmin
3. COATING (APPLY ACROSS COATING APERTURE)
S1: METALLIC BASED ND, OPTICAL DENSITY (ABS) = 0.5 FROM 700 - 1100nm
S2: NONE

4. FINE GRIND SURFACE

5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS
APPLY ACROSS CLEAR APERTURE
6. TRANSMITTED WAVEFRONT DISTORTION P-V @ 632.8nm: $\leq 0.1 \lambda$
7. ROHS COMPLIANT

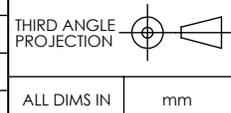
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PARTS TO THIS DRAWING**



NIR ND NEUTRAL DENSITY 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	Ø20.00	Ø20.00
COATING APERTURE	Ø20.00	N/A
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED



EO® Edmund Optics®

TITLE	OD 0.5, Ø25mm, NIR ND FILTER	
DWG NO	47529	SHEET 1 OF 1

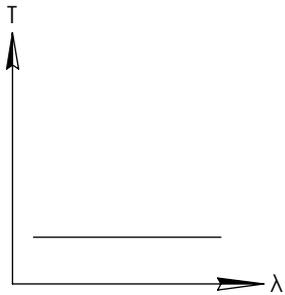
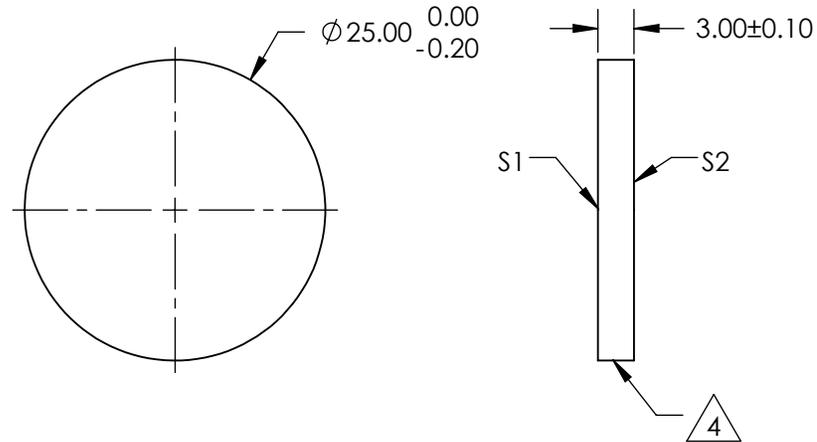
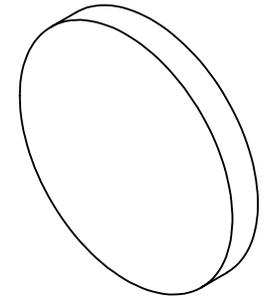
NOTES:

1. SUBSTRATE
FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN <3 arcmin
3. COATING (APPLY ACROSS COATING APERTURE)
S1: METALLIC BASED ND, OPTICAL DENSITY (ABS) = 1 FROM 700 - 1100nm
S2: NONE

4. FINE GRIND SURFACE

5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS
APPLY ACROSS CLEAR APERTURE
6. TRANSMITTED WAVEFRONT DISTORTION P-V @ 632.8nm: $\leq 0.1 \lambda$
7. ROHS COMPLIANT

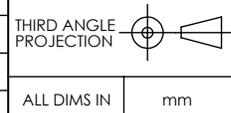
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PARTS TO THIS DRAWING**



NIR ND NEUTRAL DENSITY 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	Ø20.00	Ø20.00
COATING APERTURE	Ø20.00	N/A
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED



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THIRD ANGLE PROJECTION

TITLE: OD 1, Ø25mm, NIR ND FILTER

DWG NO: 47530

SHEET 1 OF 1

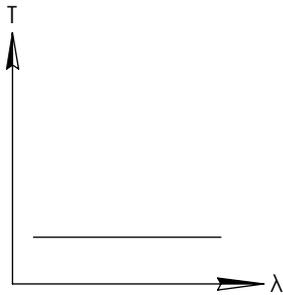
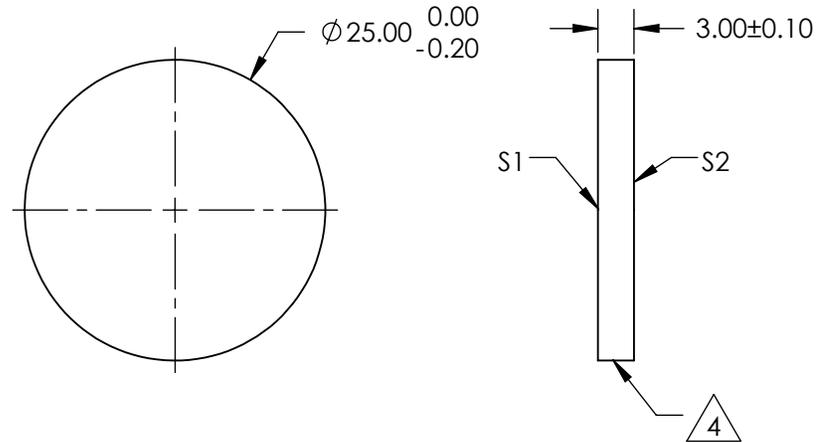
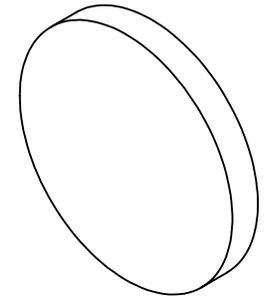
NOTES:

1. SUBSTRATE
FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN <3 arcmin
3. COATING (APPLY ACROSS COATING APERTURE)
S1: METALLIC BASED ND, OPTICAL DENSITY (ABS) = 1.3 FROM 700 - 1100nm
S2: NONE

4. FINE GRIND SURFACE

5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS
APPLY ACROSS CLEAR APERTURE
6. TRANSMITTED WAVEFRONT DISTORTION P-V @ 632.8nm: $\leq 0.1 \lambda$
7. ROHS COMPLIANT

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



NIR ND NEUTRAL DENSITY 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	Ø20.00	Ø20.00
COATING APERTURE	Ø20.00	N/A
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED



ALL DIMS IN

mm

EO® Edmund Optics®

TITLE

OD 1.3, Ø25mm, NIR ND FILTER

DWG NO

47531

SHEET
1 OF 1

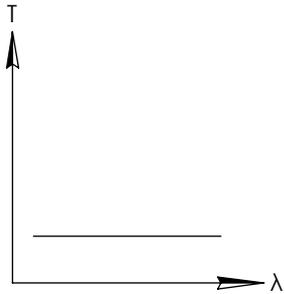
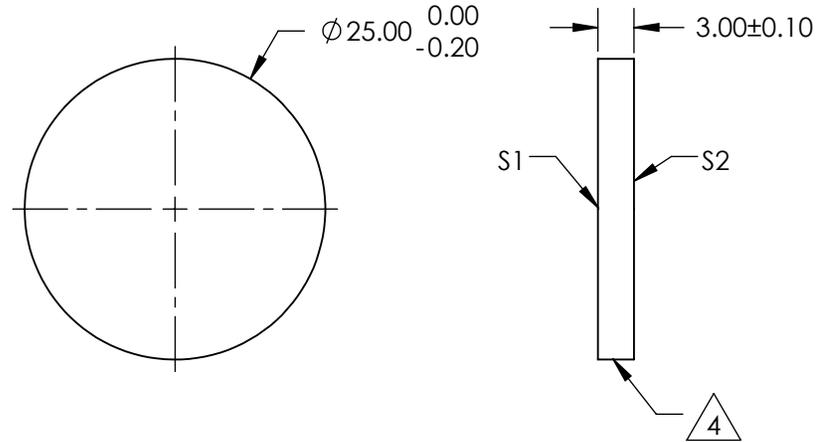
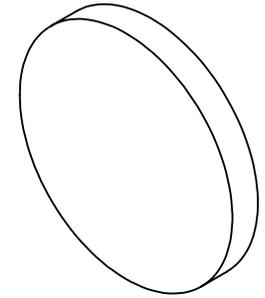
NOTES:

1. SUBSTRATE
FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN <3 arcmin
3. COATING (APPLY ACROSS COATING APERTURE)
S1: METALLIC BASED ND, OPTICAL DENSITY (ABS) = 1.5 FROM 700 - 1100nm
S2: NONE

4. FINE GRIND SURFACE

5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS
APPLY ACROSS CLEAR APERTURE
6. TRANSMITTED WAVEFRONT DISTORTION P-V @ 632.8nm: $\leq 0.1 \lambda$
7. ROHS COMPLIANT

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



NIR ND NEUTRAL DENSITY 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	Ø20.00	Ø20.00
COATING APERTURE	Ø20.00	N/A
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED



ALL DIMS IN

mm

EO® Edmund Optics®

TITLE

OD 1.5, Ø25mm, NIR ND FILTER

DWG NO

47532

SHEET
1 OF 1

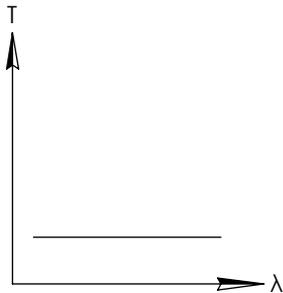
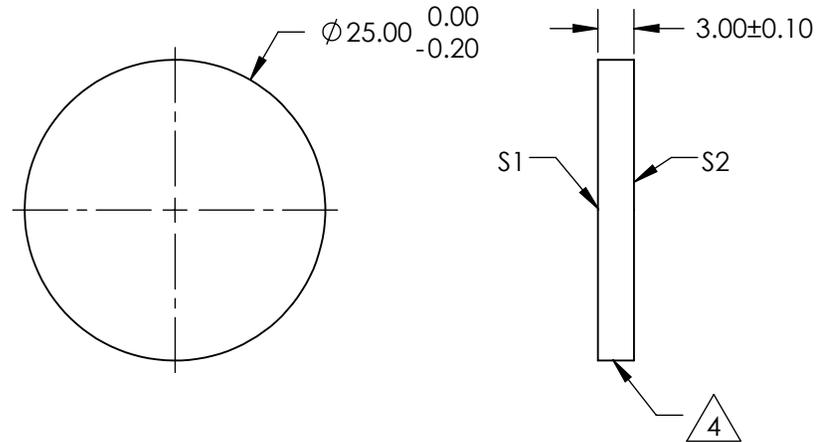
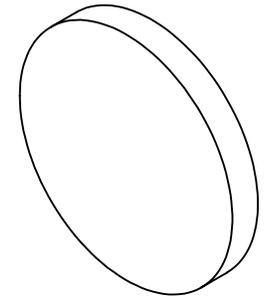
NOTES:

1. SUBSTRATE
FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN <3 arcmin
3. COATING (APPLY ACROSS COATING APERTURE)
S1: METALLIC BASED ND, OPTICAL DENSITY (ABS) = 2 FROM 700 - 1100nm
S2: NONE

4. FINE GRIND SURFACE

5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS
APPLY ACROSS CLEAR APERTURE
6. TRANSMITTED WAVEFRONT DISTORTION P-V @ 632.8nm: $\leq 0.1 \lambda$
7. ROHS COMPLIANT

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NIR ND NEUTRAL DENSITY 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	Ø20.00	Ø20.00
COATING APERTURE	Ø20.00	N/A
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED



ALL DIMS IN mm

EO® Edmund Optics®

TITLE	OD 2, Ø25mm, NIR ND FILTER		
DWG NO	47533	SHEET	1 OF 1

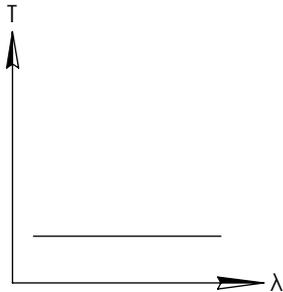
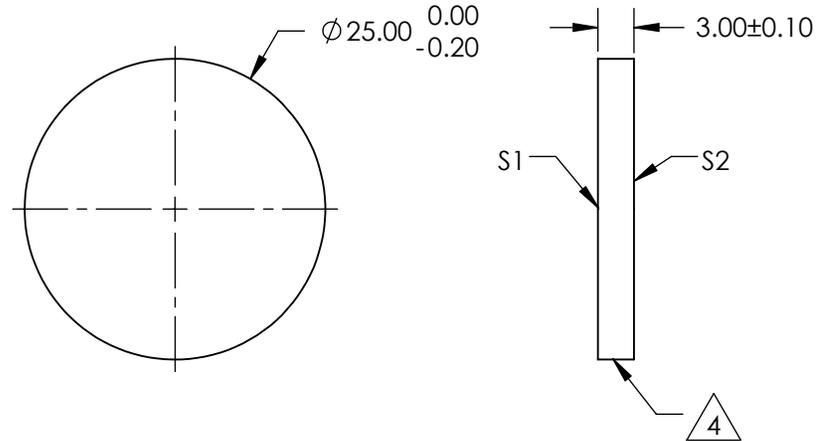
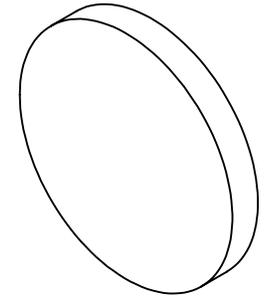
NOTES:

1. SUBSTRATE
FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN <3 arcmin
3. COATING (APPLY ACROSS COATING APERTURE)
S1: METALLIC BASED ND, OPTICAL DENSITY (ABS) = 2.5 FROM 700 - 1100nm
S2: NONE

4. FINE GRIND SURFACE

5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS
APPLY ACROSS CLEAR APERTURE
6. TRANSMITTED WAVEFRONT DISTORTION P-V @ 632.8nm: $\leq 0.1 \lambda$
7. ROHS COMPLIANT

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NIR ND NEUTRAL DENSITY 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	Ø20.00	Ø20.00
COATING APERTURE	Ø20.00	N/A
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED



ALL DIMS IN mm

EO® Edmund Optics®

TITLE	OD 2.5, Ø25mm, NIR ND FILTER		
DWG NO	47534	SHEET	1 OF 1

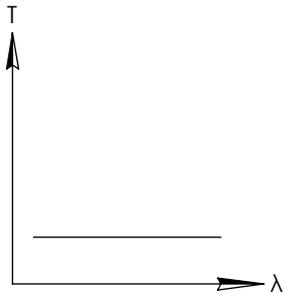
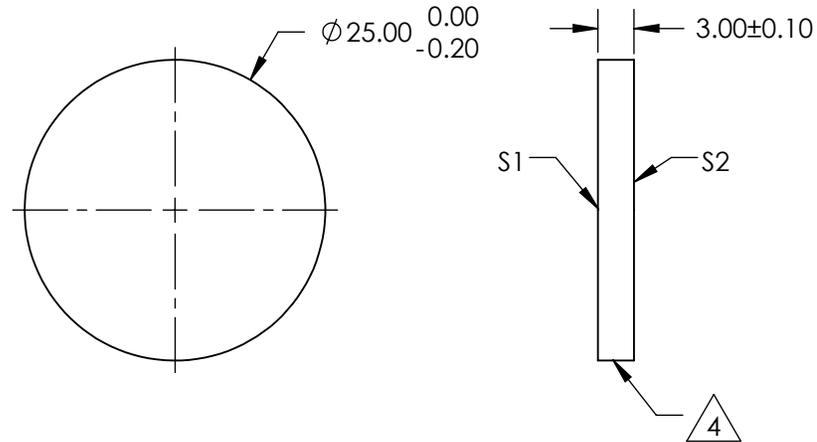
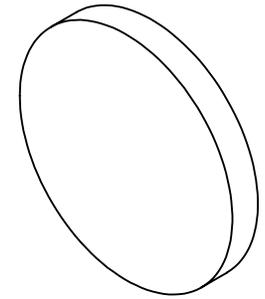
NOTES:

1. SUBSTRATE
FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN <3 arcmin
3. COATING (APPLY ACROSS COATING APERTURE)
S1: METALLIC BASED ND, OPTICAL DENSITY (ABS) = 3 FROM 700 - 1100nm
S2: NONE

4. FINE GRIND SURFACE

5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS
APPLY ACROSS CLEAR APERTURE
6. TRANSMITTED WAVEFRONT DISTORTION P-V @ 632.8nm: $\leq 0.1 \lambda$
7. ROHS COMPLIANT

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



NIR ND NEUTRAL DENSITY 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	Ø20.00	Ø20.00
COATING APERTURE	Ø20.00	N/A
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED



ALL DIMS IN mm

EO® Edmund Optics®

TITLE	OD 3, Ø25mm, NIR ND FILTER		
DWG NO	47535	SHEET	1 OF 1