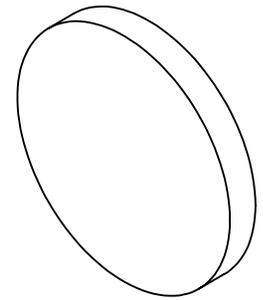


**FOR INFORMATION ONLY:
DO NOT MANUFACTURE
PARTS TO THIS DRAWING**



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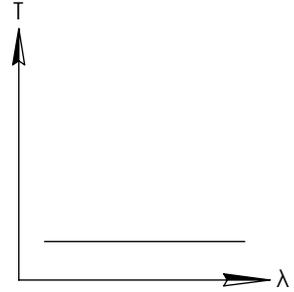
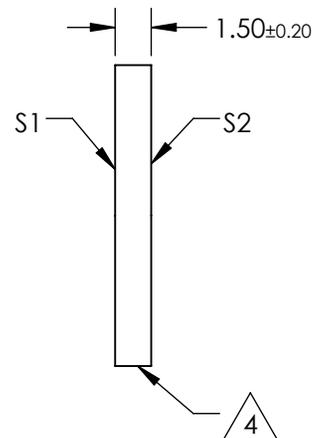
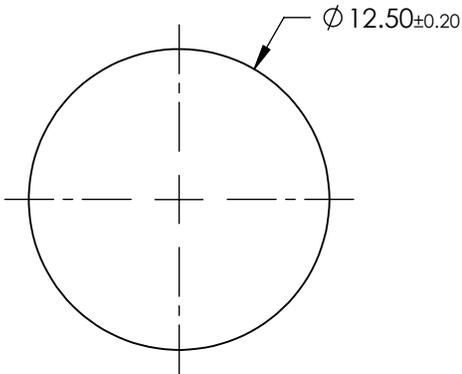
1. SUBSTRATE: FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN < 10 ARCMINS
3. COATING (APPLY ACROSS CLEAR APERTURE)
METALLIC BASED ND, OPTICAL DENSITY (abs) = $0.3 \pm 10\%$ FROM 700 - 1100nm



4. FINE GROUND SURFACE

5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE

6. ROHS COMPLIANT



IR NEUTRAL DENSITY FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2
SHAPE	PLANO	PLANO
SURFACE FLATNESS	3 - 5λ	3 - 5λ
SURFACE QUALITY	40-20	40-20
CLEAR APERTURE	Ø10.0	Ø10.0
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

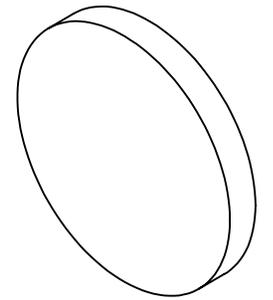


ALL DIMS IN mm

EO® **Edmund Optics**®

TITLE	OD 0.3, Ø12.5mm, NIR ND FILTER		
DWG NO	47825	SHEET	1 OF 1

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NOTES:

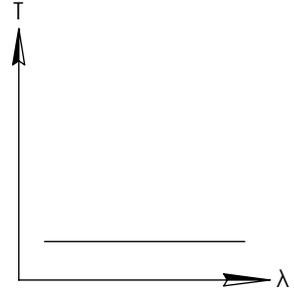
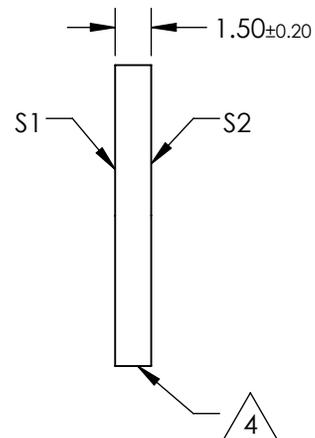
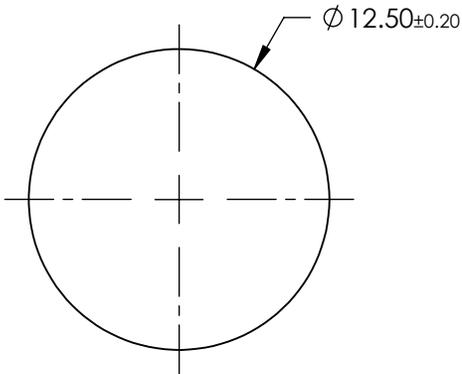
1. SUBSTRATE: FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN < 10 ARCMINS
3. COATING (APPLY ACROSS CLEAR APERTURE)
METALLIC BASED ND, OPTICAL DENSITY (abs) = $0.5 \pm 10\%$ FROM 700 - 1100nm



4. FINE GROUND SURFACE

5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE

6. ROHS COMPLIANT



IR NEUTRAL DENSITY FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2
SHAPE	PLANO	PLANO
SURFACE FLATNESS	3 - 5λ	3 - 5λ
SURFACE QUALITY	40-20	40-20
CLEAR APERTURE	Ø10.0	Ø10.0
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED



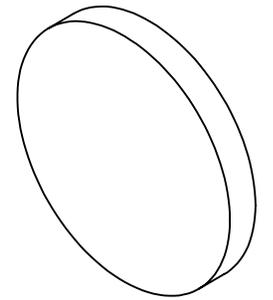
ALL DIMS IN mm

Edmund Optics®

TITLE: OD 0.5, Ø12.5mm, NIR ND FILTER

DWG NO	47826	SHEET 1 OF 1
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NOTES:

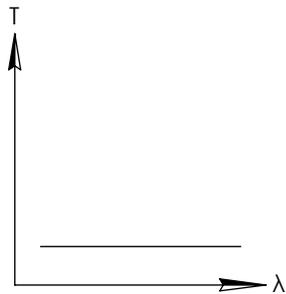
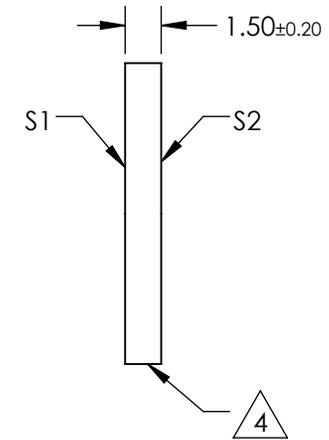
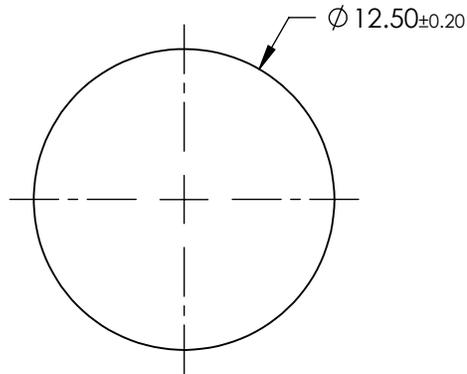
1. SUBSTRATE: FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN < 10 ARCMINS
3. COATING (APPLY ACROSS CLEAR APERTURE)
METALLIC BASED ND, OPTICAL DENSITY (abs) = $1.0 \pm 10\%$ FROM 700 - 1100nm



4. FINE GROUND SURFACE

5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE

6. ROHS COMPLIANT



IR NEUTRAL DENSITY FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2
SHAPE	PLANO	PLANO
SURFACE FLATNESS	3 - 5λ	3 - 5λ
SURFACE QUALITY	40-20	40-20
CLEAR APERTURE	Ø10.0	Ø10.0
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED



ALL DIMS IN

mm



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TITLE

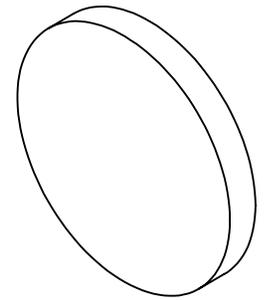
OD 1, Ø12.5mm, NIR ND FILTER

DWG NO

47827

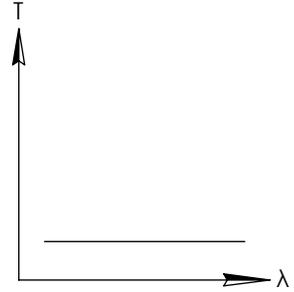
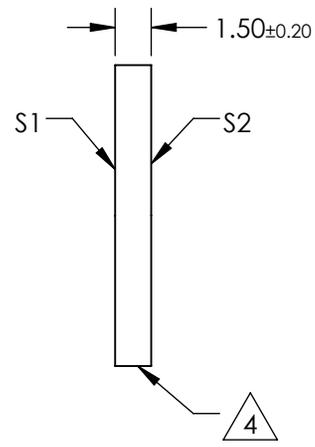
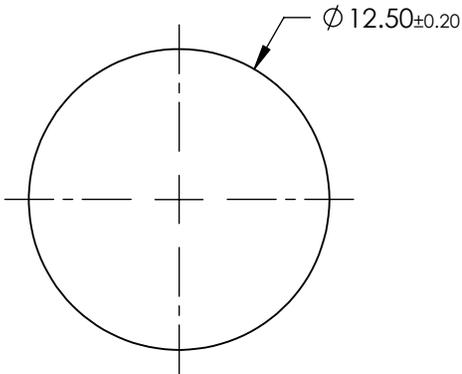
SHEET
1 OF 1

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PARTS TO THIS DRAWING**



NOTES:

1. SUBSTRATE: FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN < 10 ARCMINS
3. COATING (APPLY ACROSS CLEAR APERTURE)
METALLIC BASED ND, OPTICAL DENSITY (abs) = $1.3 \pm 10\%$ FROM 700 - 1100nm
4. FINE GROUND SURFACE
5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
6. ROHS COMPLIANT



IR NEUTRAL DENSITY FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2
SHAPE	PLANO	PLANO
SURFACE FLATNESS	3 - 5λ	3 - 5λ
SURFACE QUALITY	40-20	40-20
CLEAR APERTURE	Ø10.0	Ø10.0
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

THIRD ANGLE PROJECTION

ALL DIMS IN mm

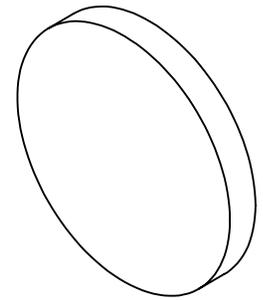
EO® Edmund Optics®

TITLE: OD 1.3, Ø12.5mm, NIR ND FILTER

DWG NO: 47828

SHEET 1 OF 1

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NOTES:

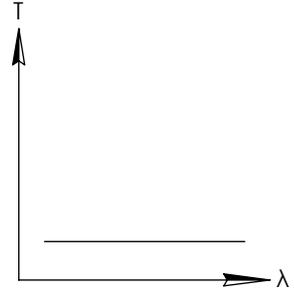
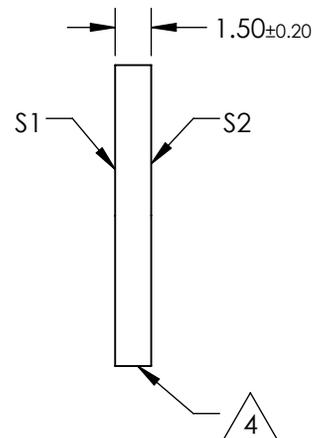
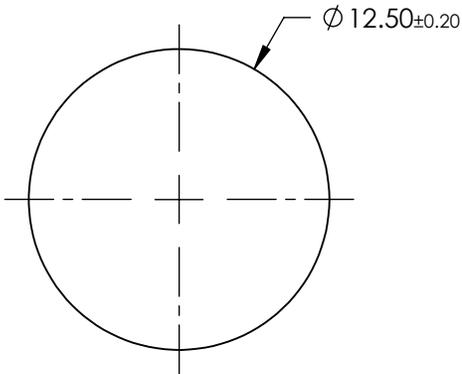
1. SUBSTRATE: FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN < 10 ARCMINS
3. COATING (APPLY ACROSS CLEAR APERTURE)
METALLIC BASED ND, OPTICAL DENSITY (abs) = $1.5 \pm 10\%$ FROM 700 - 1100nm



4. FINE GROUND SURFACE

5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE

6. ROHS COMPLIANT



IR NEUTRAL DENSITY FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

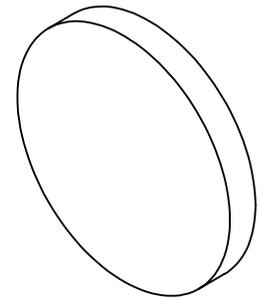
	S1	S2
SHAPE	PLANO	PLANO
SURFACE FLATNESS	3 - 5λ	3 - 5λ
SURFACE QUALITY	40-20	40-20
CLEAR APERTURE	Ø10.0	Ø10.0
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED



ALL DIMS IN mm

Edmund Optics®	
TITLE	OD 1.5, Ø12.5mm, NIR ND FILTER
DWG NO	47829
SHEET 1 OF 1	

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NOTES:

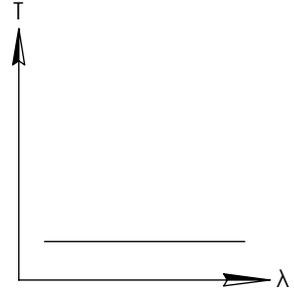
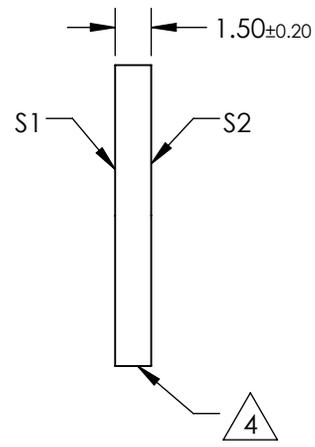
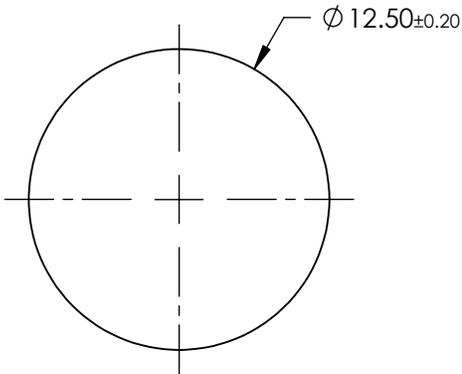
1. SUBSTRATE: FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN < 10 ARCMINS
3. COATING (APPLY ACROSS CLEAR APERTURE)
METALLIC BASED ND, OPTICAL DENSITY (abs) = $2.0 \pm 10\%$ FROM 700 - 1100nm



4. FINE GROUND SURFACE

5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE

6. ROHS COMPLIANT



IR NEUTRAL DENSITY FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2
SHAPE	PLANO	PLANO
SURFACE FLATNESS	3 - 5λ	3 - 5λ
SURFACE QUALITY	40-20	40-20
CLEAR APERTURE	Ø10.0	Ø10.0
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED



ALL DIMS IN

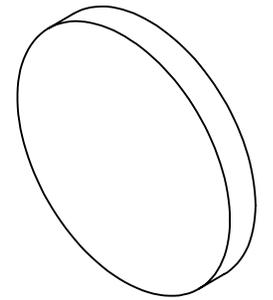
mm

Edmund Optics®

TITLE: OD 2, Ø12.5mm, NIR ND FILTER

DWG NO	47830	SHEET 1 OF 1
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NOTES:

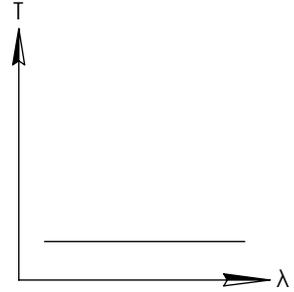
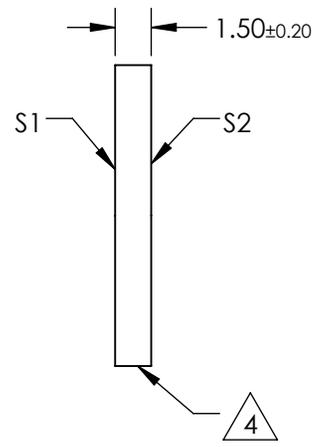
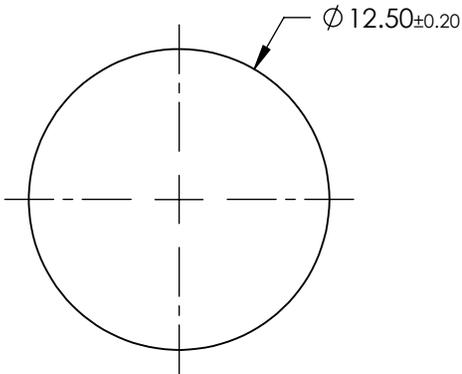
1. SUBSTRATE: FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN < 10 ARCMINS
3. COATING (APPLY ACROSS CLEAR APERTURE)
METALLIC BASED ND, OPTICAL DENSITY (abs) = $2.5 \pm 10\%$ FROM 700 - 1100nm



4. FINE GROUND SURFACE

5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE

6. ROHS COMPLIANT



IR NEUTRAL DENSITY FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

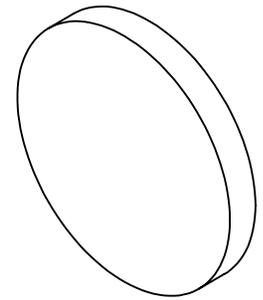
	S1	S2
SHAPE	PLANO	PLANO
SURFACE FLATNESS	3 - 5λ	3 - 5λ
SURFACE QUALITY	40-20	40-20
CLEAR APERTURE	Ø10.0	Ø10.0
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED



ALL DIMS IN mm

Edmund Optics®	
TITLE	OD 2.5, Ø12.5mm, NIR ND FILTER
DWG NO	47831
SHEET 1 OF 1	

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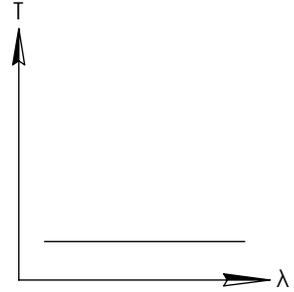
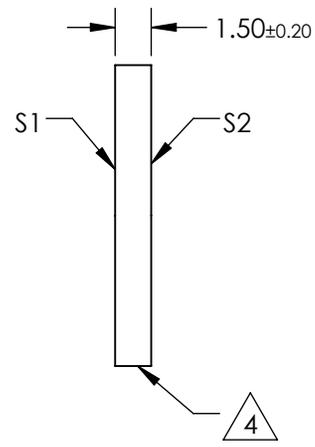
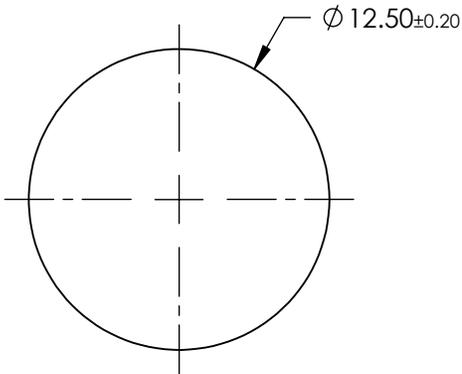
NOTES:

1. SUBSTRATE: FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN < 10 ARCMINS
3. COATING (APPLY ACROSS CLEAR APERTURE)
METALLIC BASED ND, OPTICAL DENSITY (abs) = $3.0 \pm 10\%$ FROM 700 - 1100nm



FINE GROUND SURFACE

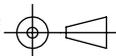
4. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
5. ROHS COMPLIANT



IR NEUTRAL DENSITY FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2
SHAPE	PLANO	PLANO
SURFACE FLATNESS	3 - 5λ	3 - 5λ
SURFACE QUALITY	40-20	40-20
CLEAR APERTURE	Ø10.0	Ø10.0
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

THIRD ANGLE PROJECTION 

ALL DIMS IN mm

EO® **Edmund Optics**®

TITLE: OD 3, Ø12.5mm, NIR ND FILTER

DWG NO: 47832

SHEET 1 OF 1