

NOTES:

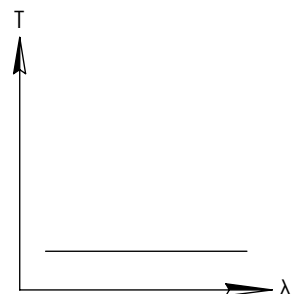
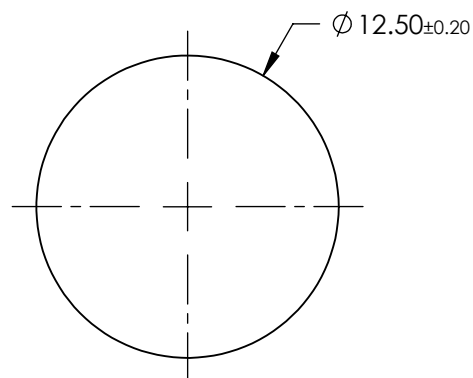
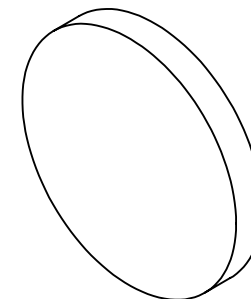
1. SUBSTRATE: FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN < 10 ARCMINS
3. COATING(APPLY ACROSS CLEAR APERTURE)  
METALLIC BASED ND, OPTICAL DENSITY (abs) =  $0.3 \pm 10\%$  FROM 700 - 1100nm

4. FINE GROUND SURFACE

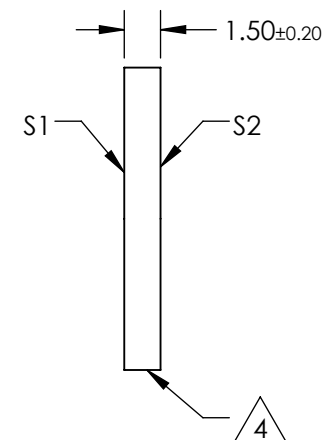
5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE

6. ROHS COMPLIANT

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



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 0.3, Ø12.5mm, NIR ND FILTER

DWG NO

47825

SHEET  
1 OF 1

NOTES:

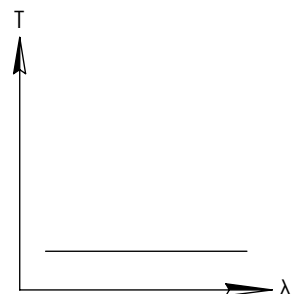
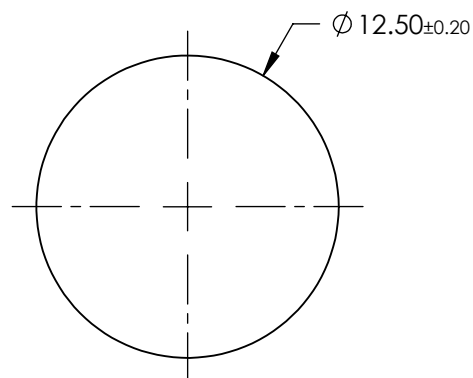
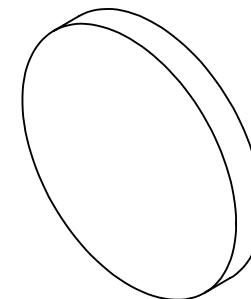
1. SUBSTRATE: FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN < 10 ARCMINS
3. COATING(APPLY ACROSS CLEAR APERTURE)  
METALLIC BASED ND, OPTICAL DENSITY (abs) =  $0.5 \pm 10\%$  FROM 700 - 1100nm

4. FINE GROUND SURFACE

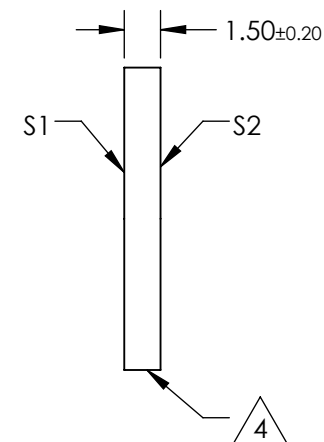
5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE

6. ROHS COMPLIANT

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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

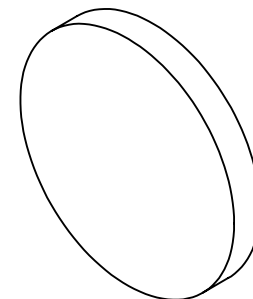
OD 0.5, Ø12.5mm, NIR ND FILTER

DWG NO

47826

SHEET  
1 OF 1

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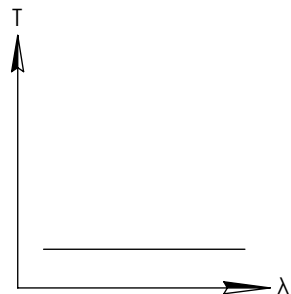
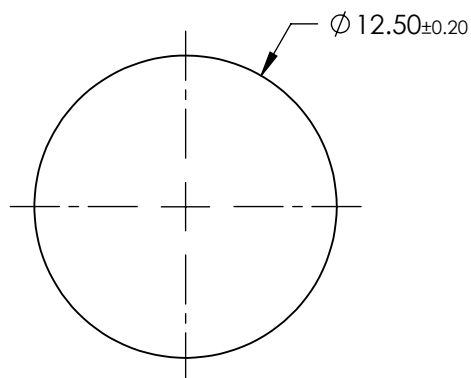
NOTES:

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 ± 10% FROM 700 - 1100nm

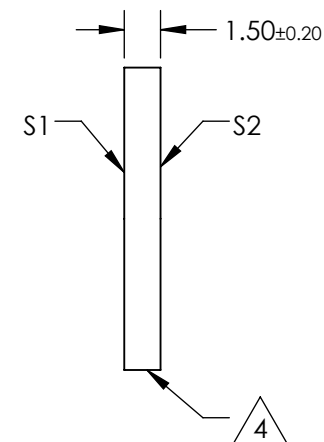


FINE GROUND SURFACE

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, Ø12.5mm, NIR ND FILTER

DWG NO

47827

SHEET  
1 OF 1

NOTES:

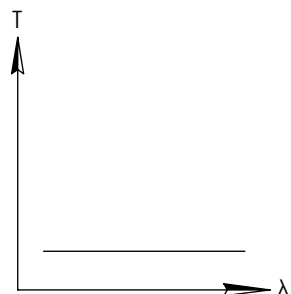
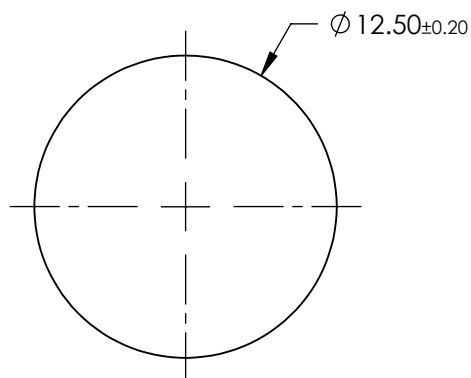
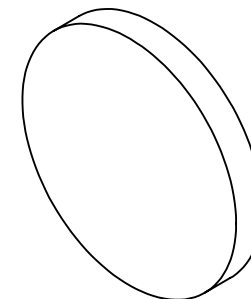
1. SUBSTRATE: FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN < 10 ARCMINS
3. COATING(APPLY ACROSS CLEAR APERTURE)  
METALLIC BASED ND, OPTICAL DENSITY (abs) =  $1.3 \pm 10\%$  FROM 700 - 1100nm

4. FINE GROUND SURFACE

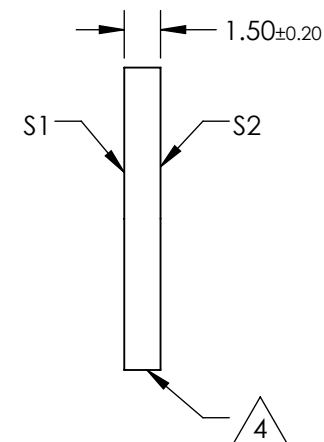
5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE

6. ROHS COMPLIANT

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PARTS TO THIS DRAWING**



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

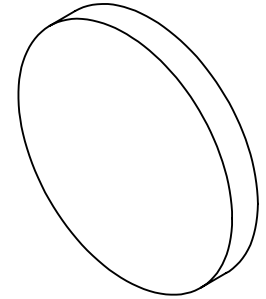
OD 1.3, Ø12.5mm, NIR ND FILTER

DWG NO

47828

SHEET  
1 OF 1

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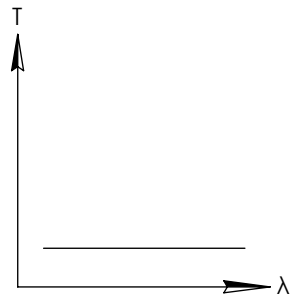
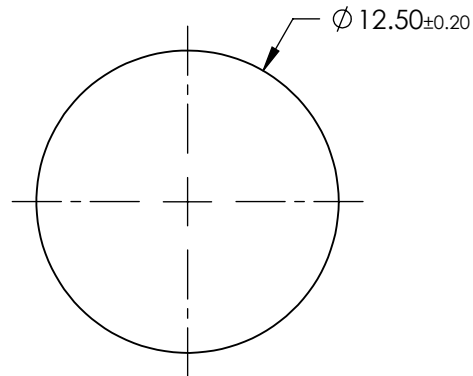
NOTES:

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

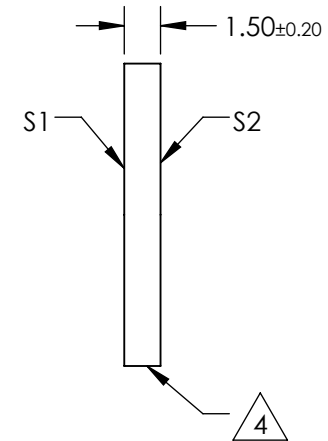


FINE GROUND SURFACE

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

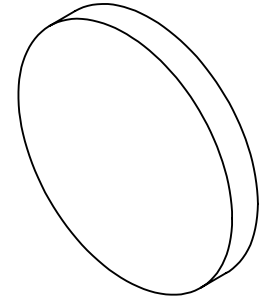
OD 1.5, Ø12.5mm, NIR ND FILTER

DWG NO

47829

SHEET  
1 OF 1

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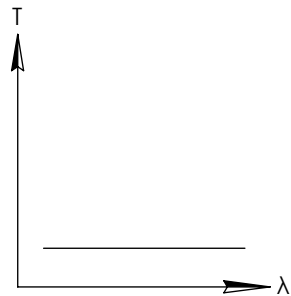
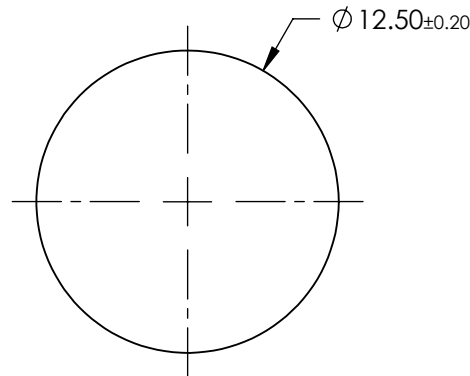
NOTES:

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

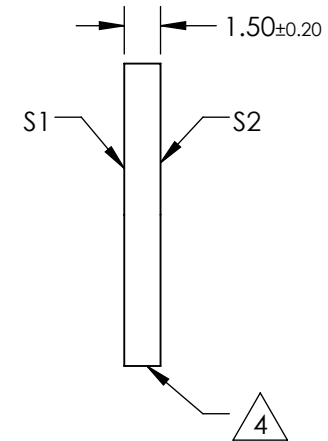


4. FINE GROUND SURFACE

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 - $5\lambda$	3 - $5\lambda$
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

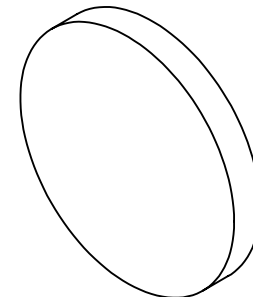
OD 2, Ø12.5mm, NIR ND FILTER

DWG NO

47830

SHEET  
1 OF 1

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NOTES:

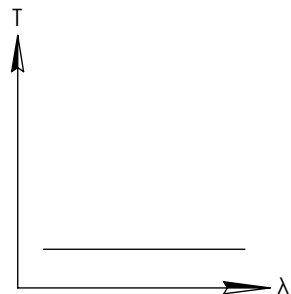
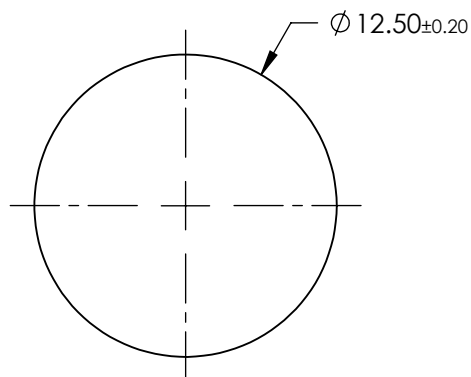
1. SUBSTRATE: FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN < 10 ARCMINS
3. COATING(APPLY ACROSS CLEAR APERTURE)  
METALLIC BASED ND, OPTICAL DENSITY (abs) =  $2.5 \pm 10\%$  FROM 700 - 1100nm



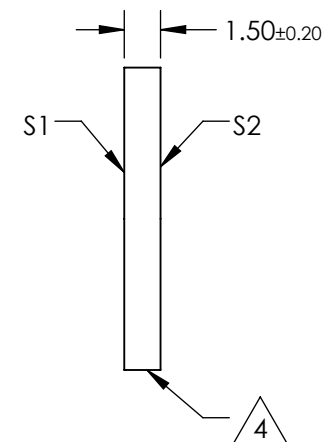
4. FINE GROUND SURFACE

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 - $5\lambda$	3 - $5\lambda$
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

NOTES:

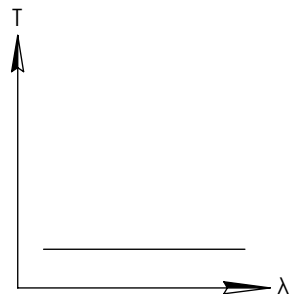
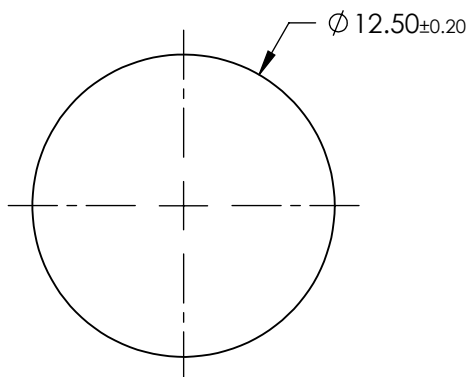
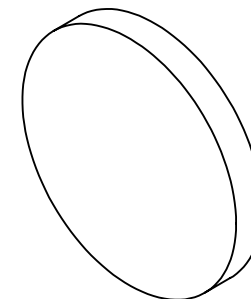
1. SUBSTRATE: FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN < 10 ARCMINS
3. COATING(APPLY ACROSS CLEAR APERTURE)  
METALLIC BASED ND, OPTICAL DENSITY (abs) =  $3.0 \pm 10\%$  FROM 700 - 1100nm



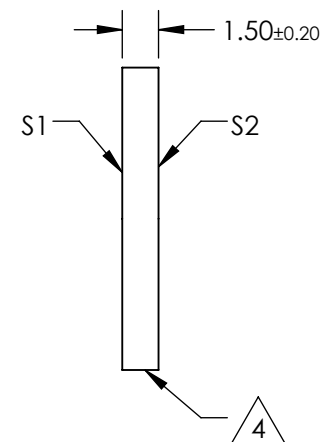
FINE GROUND SURFACE

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

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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 3, Ø12.5mm, NIR ND FILTER

DWG NO

47832

SHEET  
1 OF 1