1. SUBSTRATE: FUSED SILICA

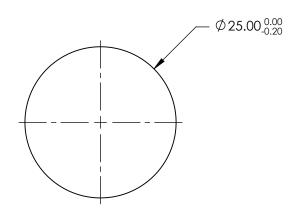
FOR INFORMATION ONLY:
DO NOT MANUFACTURE
PARTS TO THIS DRAWING

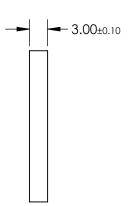
- 2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN 5 ARCSEC
- 3. COATING (APPLY ACROSS CLEAR APERTURE)
  - \$1: METALLIC N.D., OPTICAL DENSITY (abs) = 0.3 FROMPROTECTIVE AS NEEDEDnm

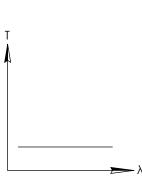
S2: NONE



- 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



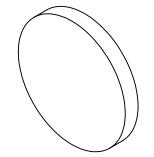




NEUTRAL DENSITY FILTER

	\$1	\$2			Edmund Option	C®
SHAPE	PLANO	PLANO				<i>,</i> 3
SURFACE QUALITY	40-20	40-20				
CLEAR APERTURE	Ø20	Ø20	THIRD ANGLE PROJECTION	OD 0.3, Ø25mm, NIR ND FILTER		
COATING APERTURE	METALLIC BASED ND	METALLIC BASED ND				CLIEFT
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED	ALL DIMS IN mm	DWG NO	47528	SHEET 1 OF 1

1. SUBSTRATE FUSED SILICA FOR INFORMATION ONLY:
DO NOT MANUFACTURE
PARTS TO THIS DRAWING



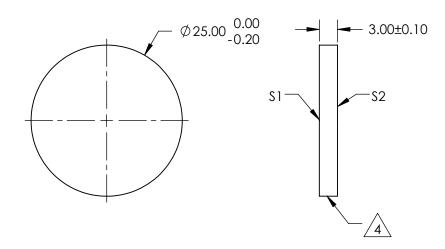
- 2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN <3 arcmin
- 3. COATING (APPLY ACROSS COATING APERTURE)

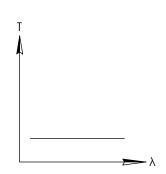
S1: METALLIC BASED ND, OPTICAL DENSITY (ABS) = 0.5 FROM 700 - 1100nm

S2: NONE

# 4. FINE GRIND SURFACE

- 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





# NIR ND NEUTRAL DENSITY FILTER

	\$1	\$2	
SHAPE	PLANO	PLANO	
SURFACE QUALITY	40-20	40-20	
CLEAR APERTURE	Ø20.00	Ø20.00	THIRD AN PROJECT
COATING APERTURE	Ø20.00	N/A	
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED	ALL DIM

				Edmund Optic	S®
	THIRD ANGLE	$\Rightarrow \Box$	TITLE	OD 0.5, Ø25mm, NIR ND FILTER	
)	ALL DIMS IN	mm	DWG NO	47529	SHEET 1 OF 1

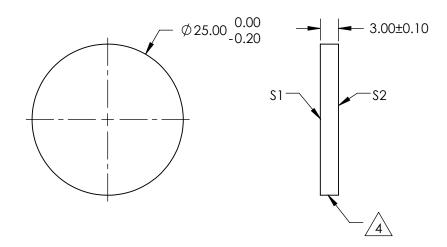
1. SUBSTRATE FUSED SILICA

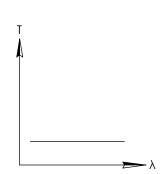
- FOR INFORMATION ONLY:
  DO NOT MANUFACTURE
  PARTS TO THIS DRAWING
- PARTS TO
- 2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN <3 arcmin
- 3. COATING (APPLY ACROSS COATING APERTURE)
  \$1: METALLIC BASED ND, OPTICAL DENSITY (ABS) = 1 FROM 700 1100nm

S2: NONE



- 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





NIR ND NEUTRAL DENSITY FILTER

SHAPE	\$1 PLANO	\$2 PLANO			8	<b>D</b> <sup>®</sup> Edmi
SURFACE QUALITY	40-20	40-20		1		
CLEAR APERTURE	Ø20.00	Ø20.00	THIRD ANGLE PROJECTION	$\bigcirc$	TITLE	OD 1, Ø2
COATING APERTURE	Ø20.00	N/A				
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED	ALL DIMS IN	mm	DWG NO	47530

		Edmund Option	S®
4	TITLE	OD 1, Ø25mm, NIR ND FILTER	
	DWG NO	47530	SHEET 1 OF 1

1. SUBSTRATE FUSED SILICA

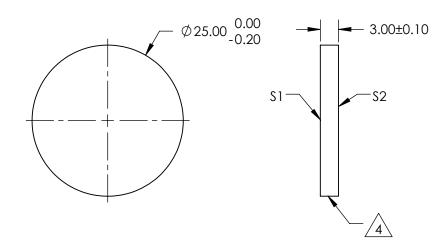
- FOR INFORMATION ONLY:
  DO NOT MANUFACTURE
  PARTS TO THIS DRAWING
- 2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN <3 arcmin
- 3. COATING (APPLY ACROSS COATING APERTURE)

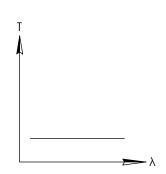
S1: METALLIC BASED ND, OPTICAL DENSITY (ABS) = 1.3 FROM 700 - 1100nm

S2: NONE



- 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





# NIR ND NEUTRAL DENSITY FILTER

	\$1	\$2
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

				Edmund ()ntic	C®
				Edmund Optic	,S
	THIRD ANGLE PROJECTION		TITLE	OD 1.3, Ø25mm, NIR ND FILTER	
D	ALL DIMS IN	mm	DWG NO	47531	SHEET 1 OF 1

1. SUBSTRATE FUSED SILICA

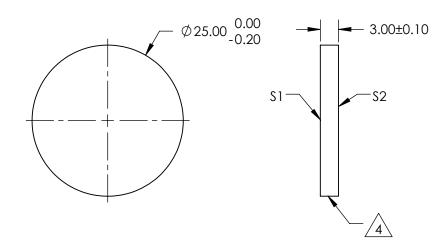
- FOR INFORMATION ONLY:
  DO NOT MANUFACTURE
  PARTS TO THIS DRAWING
- 2. SURFACE \$2 TO BE PARALLEL WITH SURFACE \$1 TO WITHIN <3 arcmin
- 3. COATING (APPLY ACROSS COATING APERTURE)

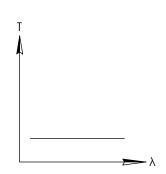
S1: METALLIC BASED ND, OPTICAL DENSITY (ABS) = 1.5 FROM 700 - 1100nm

S2: NONE



- 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





# NIR ND NEUTRAL DENSITY FILTER

	\$1	\$2
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

				Edmund Optic	S®
	THIRD ANGLE PROJECTION	$\phi \Box$	TITLE	OD 1.5, Ø25mm, NIR ND FILTER	
)	ALL DIMS IN	mm	DWG NO	47532	SHEET 1 OF 1

1. SUBSTRATE FUSED SILICA

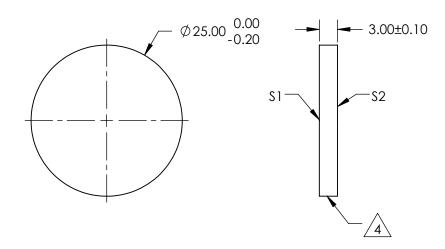
- FOR INFORMATION ONLY:
  DO NOT MANUFACTURE
  PARTS TO THIS DRAWING
- 2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN <3 arcmin
- 3. COATING (APPLY ACROSS COATING APERTURE)

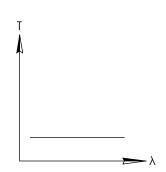
S1: METALLIC BASED ND, OPTICAL DENSITY (ABS) = 2 FROM 700 - 1100nm

S2: NONE



- 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





NIR ND NEUTRAL DENSITY FILTER

BEVEL

	<b>S</b> 1	S2
SHAPE	PLANO	PLANO
SURFACE QUALITY	40-20	40-20
CLEAR APERTURE	Ø20.00	Ø20.00
COATING APERTURE	Ø20.00	N/A

PROTECTIVE AS NEEDED

\$2				Edmund Ontic	C®
PLANO					,S
40-20		_			
Ø20.00	THIRD ANGLE _ PROJECTION	$\bigoplus \bigoplus$	TITLE	OD 2, Ø25mm, NIR ND FILTER	
N/A		1			
PROTECTIVE AS NEEDED	ALL DIMS IN	mm	DWG NO	47533	SHEET 1 OF 1
	92 PLANO 40-20 Ø20.00 N/A	920.00 THIRD ANGLE PROJECTION N/A	PLANO 40-20 Ø20.00 N/A	PLANO 40-20  Ø20.00  N/A  THIRD ANGLE PROJECTION  TITLE	PLANO  40-20  Ø20.00  N/A  THIRD ANGLE PROJECTION  TITLE  OD 2, Ø25mm, NIR ND FILTER

1. SUBSTRATE FUSED SILICA

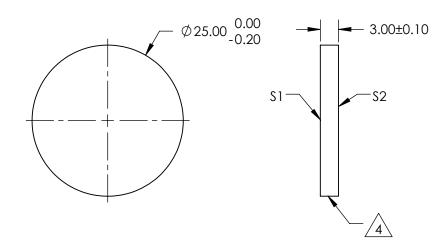
- FOR INFORMATION ONLY:
  DO NOT MANUFACTURE
  PARTS TO THIS DRAWING
- 2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN <3 arcmin
- 3. COATING (APPLY ACROSS COATING APERTURE)

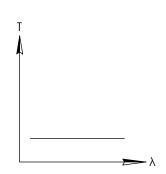
S1: METALLIC BASED ND, OPTICAL DENSITY (ABS) =  $2.5 \, \text{FROM} \, 700 - 1100 \, \text{nm}$ 

S2: NONE



- 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





# NIR ND NEUTRAL DENSITY FILTER

	\$1	\$2
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

				Edmund Optic	S®
	THIRD ANGLE PROJECTION		TITLE	OD 2.5, Ø25mm, NIR ND FILTER	
)	ALL DIMS IN	mm	DWG NO	47534	SHEET 1 OF 1

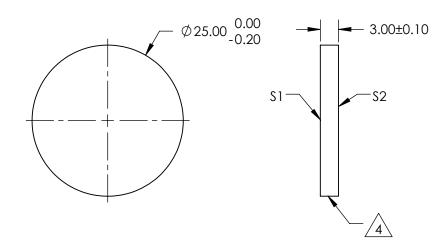
1. SUBSTRATE FUSED SILICA

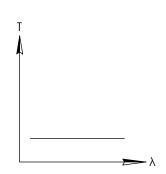
- FOR INFORMATION ONLY:
  DO NOT MANUFACTURE
  PARTS TO THIS DRAWING
- 2. SURFACE \$2 TO BE PARALLEL WITH SURFACE \$1 TO WITHIN <3 arcmin
- 3. COATING (APPLY ACROSS COATING APERTURE) S1: METALLIC BASED ND, OPTICAL DENSITY (ABS) = 3 FROM 700 - 1100nm

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





# NIR ND NEUTRAL DENSITY FILTER

	\$1	\$2
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

				Edmund Optic	S®
	THIRD ANGLE PROJECTION		TITLE	OD 3, Ø25mm, NIR ND FILTER	
)	ALL DIMS IN	mm	DWG NO	47535	SHEET 1 OF 1