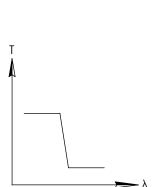
- 1. SUBSTRATE: UV GRADE FUSED SILICA
- 2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN <30 arcsec
- 3. COATING (APPLY ACROSS COATING APERTURE)

DURABILITY: MIL-C-48497A, SECT. 3.4.1

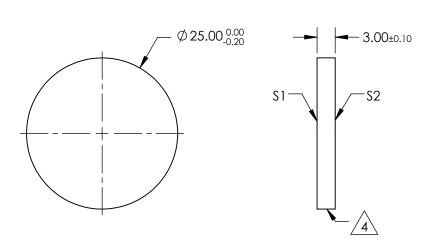
PERFORMANCE SPECIFICATIONS: @ 0° AOI T(avg): ≥91% FROM 400 - 740nm T(avg): ≥91% FROM 775 - 1125nm CUT-OFF SLOPE: <1% CUT-OFF WAVELENGTH: 750nm ± 1%



- 5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
- 6. TRANSMITTED WAVEFRONT DISTORTION RMS@ 632.8nm ≤ ¼ λ
- 7. ROHS COMPLIANT



SHORTPASS FILTER



PARTS TO THIS DRAWING

	S1	\$2
SHAPE	PLANO	PLANO
SURFACE QUALITY	40-20	40-20
CLEAR APERTURE	>80%	>80%
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

		Edmund Optics®
1		OD4, Ø25mm, 750nm, SHORTPASS FILTER

HIRD ANGLE . PROJECTION	<b>\$</b>	TITLE	OD4, Ø25mm, 750nm, SHORTPASS FIL	TER
ALL DIMS IN	mm	DWG NO	64332	SHEET 1 OF 1

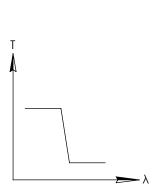
- 1. SUBSTRATE: UV GRADE FUSED SILICA
- 2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN <30 arcsec
- 3. COATING (APPLY ACROSS COATING APERTURE)

DURABILITY: MIL-C-48497A, SECT. 3.4.1

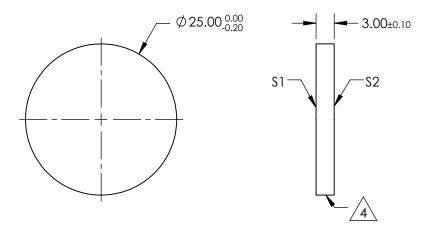
PERFORMANCE SPECIFICATIONS: @ 0° AOI T(avg): ≥91% FROM 400 - 790nm T(avg): ≥0.01% FROM 825 - 1190nm CUT-OFF SLOPE: <1% CUT-OFF WAVELENGTH: 800nm ± 1%



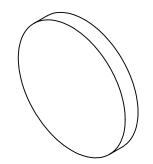
- 5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
- 6. TRANSMITTED WAVEFRONT DISTORTION RMS@ 632.8nm ≤ ¼ λ
- 7. ROHS COMPLIANT



SHORTPASS FILTER



PARTS TO THIS DRAWING



SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE DIMENSIONS ARE FOR REFERENCE ONLY

	\$1	S2
SHAPE	PLANO	PLANO
SURFACE QUALITY	40-20	40-20
CLEAR APERTURE	>80%	>80%
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

]		<b>U</b>		, <b>S</b> °
THIRD ANGLE PROJECTION	<b>\$</b>	TITLE	OD4, Ø25mm, 800nm, SHORTPASS FIL	.TER
 ALL DIMS IN	mm	DWG NO	64333	SHEET 1 OF 1

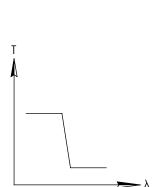
- 1. SUBSTRATE: UV GRADE FUSED SILICA
- 2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN <30 arcsec
- 3. COATING (APPLY ACROSS COATING APERTURE)

DURABILITY: MIL-C-48497A, SECT. 3.4.1

PERFORMANCE SPECIFICATIONS: @ 0° AOI T(avg): ≥91% FROM 400 - 840nm T(avg): ≥0.01% FROM 880 - 1190nm CUT-OFF SLOPE: <1% CUT-OFF WAVELENGTH: 850nm ± 1%

# 4. FINE GRIND SURFACE

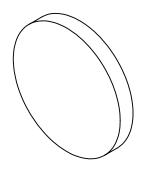
- 5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
- 6. TRANSMITTED WAVEFRONT DISTORTION RMS@ 632.8nm ≤ ¼ λ
- 7. ROHS COMPLIANT

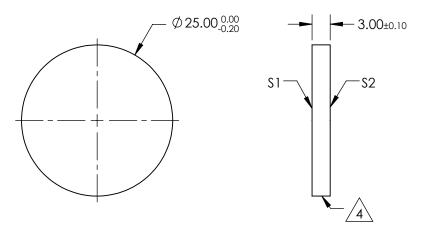




BEVEL







SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE DIMENSIONS ARE FOR REFERENCE ONLY

#### S1 S2 **PLANO PLANO** SHAPE 40-20 40-20 SURFACE QUALITY >80% >80% CLEAR APERTURE PROTECTIVE AS NEEDED | PROTECTIVE AS NEEDED

					S
	THIRD ANGLE _ PROJECTION	$\phi \lhd$	TITLE	OD4, Ø25mm, 850nm, SHORTPASS FIL	.TER
D	ALL DIMS IN	mm	DWG NO	64334	SHEET 1 OF 1

- 1. SUBSTRATE: UV GRADE FUSED SILICA
- 2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN <30 arcsec
- 3. COATING (APPLY ACROSS COATING APERTURE)

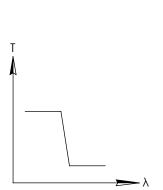
DURABILITY: MIL-C-48497A, SECT. 3.4.1

PERFORMANCE SPECIFICATIONS: @ 0° AOI T(avg): ≥91% FROM 425 - 890nm T(avg): ≤ 0.01% FROM 930 - 1250nm

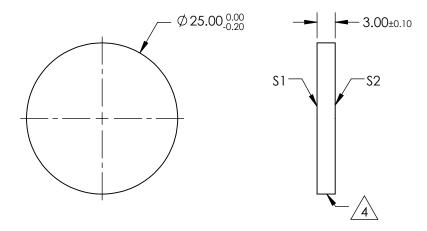
CUT-OFF SLOPE: <1% CUT-OFF WAVELENGTH: 900nm ± 1%

# 4. FINE GRIND SURFACE

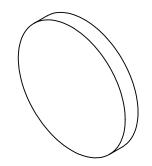
- 5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
- 6. TRANSMITTED WAVEFRONT DISTORTION RMS@ 632.8nm ≤ ¼ λ
- 7. ROHS COMPLIANT



SHORTPASS FILTER



PARTS TO THIS DRAWING



SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE DIMENSIONS ARE FOR REFERENCE ONLY

#### S1 S2 **PLANO PLANO** SHAPE 40-20 40-20 SURFACE QUALITY >80% >80% CLEAR APERTURE PROTECTIVE AS NEEDED | PROTECTIVE AS NEEDED BEVEL

				<b>Eamuna Optic</b>	S <sup>®</sup>
	THIRD ANGLE PROJECTION	$\phi \Leftrightarrow$	TITLE	OD4, Ø25mm, 900nm, SHORTPASS FIL	TER.
D	ALL DIMS IN	mm	DWG NO	64335	SHEET 1 OF 1

- 1. SUBSTRATE: UV GRADE FUSED SILICA
- 2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN <30 arcsec
- 3. COATING (APPLY ACROSS COATING APERTURE)

DURABILITY: MIL-C-48497A, SECT. 3.4.1

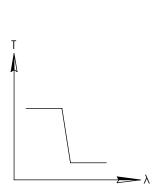
PERFORMANCE SPECIFICATIONS: @ 0° AOI T(avg): ≥91% FROM 450 - 939nm T(avg): ≤ 0.01% FROM 980 - 1325nm

CUT-OFF SLOPE: <1%

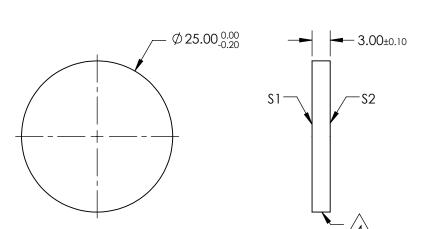
CUT-OFF WAVELENGTH: 950nm ± 1%



- 5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
- 6. TRANSMITTED WAVEFRONT DISTORTION RMS@ 632.8nm ≤ ¼ λ
- 7. ROHS COMPLIANT



SHORTPASS FILTER



PARTS TO THIS DRAWING

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE DIMENSIONS ARE FOR REFERENCE ONLY

1 OF 1

#### S1 S2 **PLANO PLANO** SHAPE 40-20 40-20 SURFACE QUALITY >80% >80% CLEAR APERTURE PROTECTIVE AS NEEDED | PROTECTIVE AS NEEDED BEVEL

				<b>;</b> S"
THIRD ANGLE _ PROJECTION	$\phi$	TITLE	OD4, Ø25mm, 950nm, SHORTPASS FIL	.TER
ALL DIMS IN	mm	DWG NO	64336	SHEET 1 OF 1

- 1. SUBSTRATE: UV GRADE FUSED SILICA
- 2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN <30 arcsec

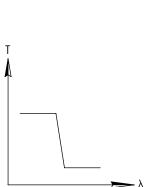
3. COATING (APPLY ACROSS COATING APERTURE)

DURABILITY: MIL-C-48497A, SECT. 3.4.1

PERFORMANCE SPECIFICATIONS: @ 0° AOI T(avg): ≥91% FROM 465 - 988nm
T(avg): ≥0.01% FROM 1035 - 1400nm
CUT-OFF SLOPE: <1%
CUT-OFF WAVELENGTH: 1000nm ± 1%

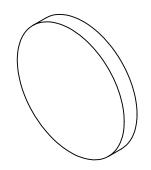


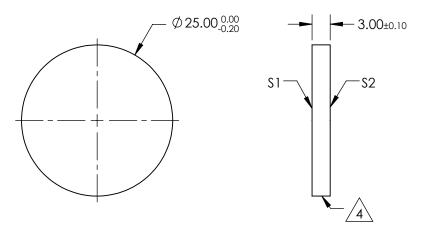
- 5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
- 6. TRANSMITTED WAVEFRONT DISTORTION RMS@ 632.8nm ≤ ¼ λ
- 7. ROHS COMPLIANT



SHORTPASS FILTER







		\$1	\$2	
	SHAPE	PLANO	PLANO	
	SURFACE QUALITY	40-20	40-20	
	CLEAR APERTURE	>80%	>80%	
	BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED	

	R	Edmund	Optics®

			<del>-</del>	
THIRD ANGLE PROJECTION		TITLE	OD4, Ø25mm, 1000nm, SHORTPASS FI	LTER
ALL DIMS IN	mm	DWG NO	64337	SHEET 1 OF 1

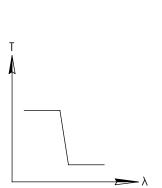
- 1. SUBSTRATE: UV GRADE FUSED SILICA
- 2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN <30 arcsec
- 3. COATING (APPLY ACROSS COATING APERTURE)

DURABILITY: MIL-C-48497A, SECT. 3.4.1

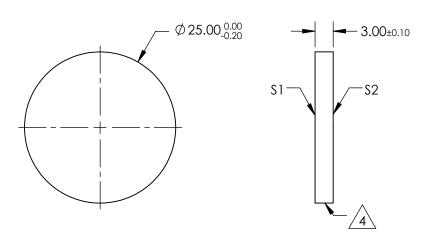
PERFORMANCE SPECIFICATIONS: @ 0° AOI T(avg): ≥91% FROM 485 - 1036nm T(avg): ≤0.01% FROM 1085 - 1460nm CUT-OFF SLOPE: <1% CUT-OFF WAVELENGTH: 1050nm ± 1%



- 5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
- 6. TRANSMITTED WAVEFRONT DISTORTION RMS@ 632.8nm ≤ ¼ λ
- 7. ROHS COMPLIANT



SHORTPASS FILTER



PARTS TO THIS DRAWING

	\$1	\$2
SHAPE	PLANO	PLANO
SURFACE QUALITY	40-20	40-20
CLEAR APERTURE	>80%	>80%
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

	<b>C</b> (	(K)	Edr	nund	d Optics®
·			. ~~-		

HIRD ANGLE TITLE		TITLE	OD4, Ø25mm, 1050nm, SHORTPASS FI	LTER
ALL DIMS IN	mm	DWG NO	64338	SHEET 1 OF 1

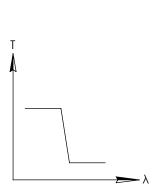
- 1. SUBSTRATE: UV GRADE FUSED SILICA
- 2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN <30 arcsec
- 3. COATING (APPLY ACROSS COATING APERTURE)

DURABILITY: MIL-C-48497A, SECT. 3.4.1

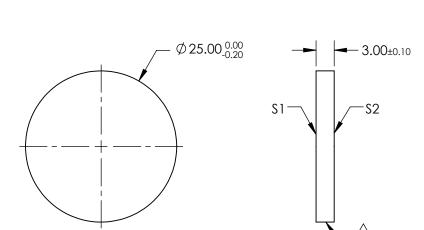
PERFORMANCE SPECIFICATIONS: @ 0° AOI T(avg): ≥91% FROM 510 - 1085nm
T(avg): ≥0.01% FROM 1140 - 1530nm
CUT-OFF SLOPE: <1%
CUT-OFF WAVELENGTH: 1100nm ± 1%



- 5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
- 6. TRANSMITTED WAVEFRONT DISTORTION RMS@ 632.8nm ≤ ¼ λ
- 7. ROHS COMPLIANT



SHORTPASS FILTER

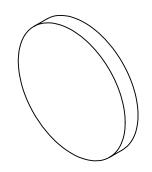


SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE DIMENSIONS ARE FOR REFERENCE ONLY

	\$1	\$2
SHAPE	PLANO	PLANO
SURFACE QUALITY	40-20	40-20
CLEAR APERTURE	>80%	>80%
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

					S
	THIRD ANGLE PROJECTION		TITLE	OD4, Ø25mm, 1100nm, SHORTPASS FI	LTER
	ALL DIMS IN	mm	DWG NO	64339	SHEET 1 OF 1





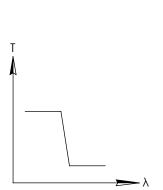
- 1. SUBSTRATE: UV GRADE FUSED SILICA
- 2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN <30 arcsec
- 3. COATING (APPLY ACROSS COATING APERTURE)

DURABILITY: MIL-C-48497A, SECT. 3.4.1

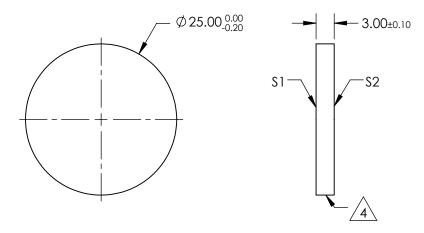
PERFORMANCE SPECIFICATIONS: @ 0° AOI T(avg): ≥91% FROM 300 - 392nm T(avg): ≥0.01% FROM 410 - 610nm CUT-OFF SLOPE: <1% CUT-OFF WAVELENGTH: 400nm ± 1%



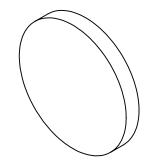
- 5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
- 6. TRANSMITTED WAVEFRONT DISTORTION RMS@ 632.8nm ≤ ¼ λ
- 7. ROHS COMPLIANT



SHORTPASS FILTER



PARTS TO THIS DRAWING



SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE DIMENSIONS ARE FOR REFERENCE ONLY

	\$1	\$2
SHAPE	PLANO	PLANO
SURFACE QUALITY	40-20	40-20
CLEAR APERTURE	>80%	>80%
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

					<b>5</b> 5°
	THIRD ANGLE PROJECTION		TITLE	OD4, Ø25mm, 400nm, SHORTPASS FIL	.TER
D	ALL DIMS IN	mm	DWG NO	84702	SHEET 1 OF 1

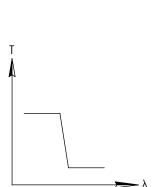
- 1. SUBSTRATE: UV GRADE FUSED SILICA
- 2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN <30 arcsec
- 3. COATING (APPLY ACROSS COATING APERTURE)

DURABILITY: MIL-C-48497A, SECT. 3.4.1

PERFORMANCE SPECIFICATIONS: @ 0° AOI T(avg): ≥91% FROM 300 - 417nm T(avg): ≥0.01% FROM 435 - 635nm CUT-OFF SLOPE: <1% CUT-OFF WAVELENGTH: 425nm ± 1%

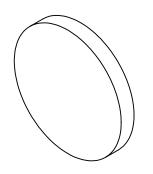


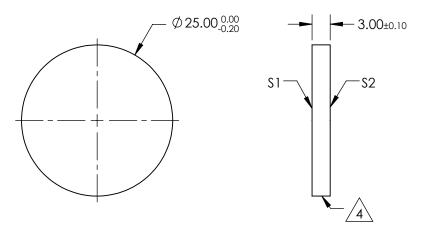
- 5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
- 6. TRANSMITTED WAVEFRONT DISTORTION RMS@ 632.8nm ≤ ¼ λ
- 7. ROHS COMPLIANT



SHORTPASS FILTER







SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE DIMENSIONS ARE FOR REFERENCE ONLY

	\$1	\$2
SHAPE	PLANO	PLANO
SURFACE QUALITY	40-20	40-20
CLEAR APERTURE	>80%	>80%
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

	Edmund Optics®

**(a)** 

THIRD ANGLE TITLE		TITLE	OD4, Ø25mm, 425nm, SHORTPASS FILTER		
ALL DIMS IN	mm	DWG NO	84703	SHEET 1 OF 1	

- 1. SUBSTRATE: UV GRADE FUSED SILICA
- 2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN <30 arcsec
- 3. COATING (APPLY ACROSS COATING APERTURE)

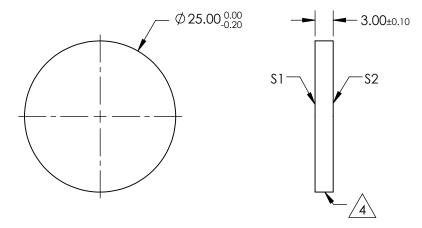
DURABILITY: MIL-C-48497A, SECT. 3.4.1

PERFORMANCE SPECIFICATIONS: @ 0° AOI T(avg): ≥91% FROM 300 - 441nm T(avg): ≥0.01% FROM 460 - 660nm CUT-OFF SLOPE: <1% CUT-OFF WAVELENGTH: 450nm ± 1%



- 5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
- 6. TRANSMITTED WAVEFRONT DISTORTION RMS@ 632.8nm ≤ ¼ λ
- 7. ROHS COMPLIANT





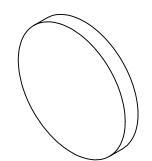
PARTS TO THIS DRAWING

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE DIMENSIONS ARE FOR REFERENCE ONLY SHORTPASS FILTER

	\$1	\$2
SHAPE	PLANO	PLANO
SURFACE QUALITY	40-20	40-20
CLEAR APERTURE	>80%	>80%
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

				Lamana Optio	
	THIRD ANGLE PROJECTION		TITLE	OD4, Ø25mm, 450nm, SHORTPASS FIL	.TER
,	ALL DIMS IN	mm	DWG NO	84704	SHEET 1 OF 1

Edmund Ontics®



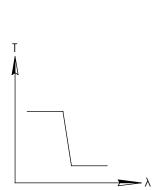
- 1. SUBSTRATE: UV GRADE FUSED SILICA
- 2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN <30 arcsec
- 3. COATING (APPLY ACROSS COATING APERTURE)

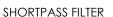
DURABILITY: MIL-C-48497A, SECT. 3.4.1

PERFORMANCE SPECIFICATIONS: @ 0° AOI T(avg): ≥91% FROM 300 - 466nm T(avg): ≥0.01% FROM 485 - 685nm CUT-OFF SLOPE: <1% CUT-OFF WAVELENGTH: 475nm ± 1%

# 4. FINE GRIND SURFACE

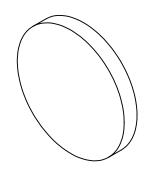
- 5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
- 6. TRANSMITTED WAVEFRONT DISTORTION RMS@ 632.8nm ≤ ¼ λ
- 7. ROHS COMPLIANT

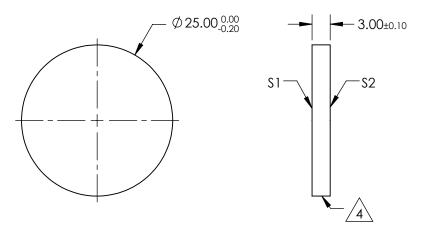




BEVEL







SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE DIMENSIONS ARE FOR REFERENCE ONLY

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\$1	\$2
PLANO	PLANO
40-20	40-20
>80%	>80%
	PLANO 40-20

\$1	\$2					,S	
PLANO	PLANO	THIRD ANGLE PROJECTION			OD4, Ø25mm, 475nm, SHORTPASS FILTER		
40-20	40-20			TITLE	OB 1, DZOMINI, 17 SMINI, SHOKII 7 GO FIELEK		
>80%	>80%		1			CLIEFT	
PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED	ALL DIMS IN	mm	DWG NO	84705	SHEET 1 OF 1	

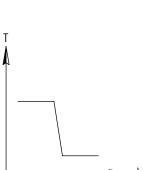
- 1. SUBSTRATE: UV GRADE FUSED SILICA
- 2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN <30 arcsec
- 3. COATING (APPLY ACROSS COATING APERTURE)

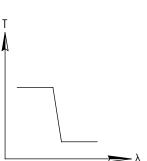
DURABILITY: MIL-C-48497A, SECT. 3.4.1

PERFORMANCE SPECIFICATIONS: @ 0° AOI T(avg): ≥91% FROM 300 - 490nm T(avg): ≥0.01% FROM 512 - 715nm CUT-OFF SLOPE: <1% CUT-OFF WAVELENGTH: 500nm ± 1%

# 4. FINE GRIND SURFACE

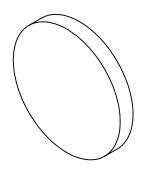
- 5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
- 6. TRANSMITTED WAVEFRONT DISTORTION RMS@ 632.8nm ≤ ¼ λ
- 7. ROHS COMPLIANT





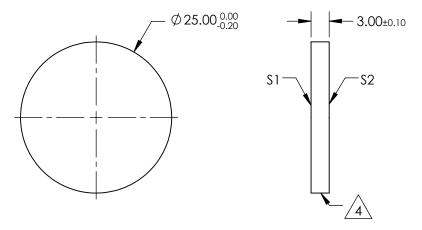
SHORTPASS FILTER

PARTS TO THIS DRAWING



SHEET

1 OF 1



DWG NO

ALL DIMS IN

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE DIMENSIONS ARE FOR REFERENCE ONLY

	\$1	\$2
SHAPE	PLANO	PLANO
SURFACE QUALITY	40-20	40-20
CLEAR APERTURE	>80%	>80%
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

]		Edmund Optics®
THIRD ANGLE PROJECTION	TITLE	OD4, Ø25mm, 500nm, SHORTPASS FILTER

84706

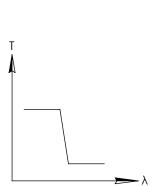
- 1. SUBSTRATE: UV GRADE FUSED SILICA
- 2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN <30 arcsec
- 3. COATING (APPLY ACROSS COATING APERTURE)

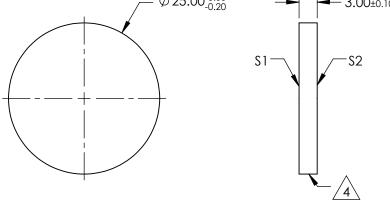
DURABILITY: MIL-C-48497A, SECT. 3.4.1

PERFORMANCE SPECIFICATIONS: @ 0° AOI T(avg): ≥91% FROM 300 - 515nm T(avg): ≥0.01% FROM 537 - 740nm CUT-OFF SLOPE: <1% CUT-OFF WAVELENGTH: 525nm ± 1%

# 4. FINE GRIND SURFACE

- 5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
- 6. TRANSMITTED WAVEFRONT DISTORTION RMS@ 632.8nm ≤ ¼ λ
- 7. ROHS COMPLIANT





 $\emptyset$  25.00 $^{0.00}_{-0.20}$ - 3.00±0.10

PARTS TO THIS DRAWING

SHORTPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE DIMENSIONS ARE FOR REFERENCE ONLY

Edmund Ontice®

	\$1	\$2			
SHAPE	PLANO	PLANO			
SURFACE QUALITY	40-20	40-20			
CLEAR APERTURE	>80%	>80%			
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED			

			U		,5°
	THIRD ANGLE PROJECTION	<b>\rightarrow</b>	TITLE	OD4, Ø25mm, 525nm, SHORTPASS FIL	TER
D.	ALL DIMS IN	mm	DWG NO	84707	SHEET 1 OF 1

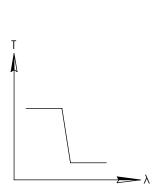
- 1. SUBSTRATE: UV GRADE FUSED SILICA
- 2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN <30 arcsec
- 3. COATING (APPLY ACROSS COATING APERTURE)

DURABILITY: MIL-C-48497A, SECT. 3.4.1

PERFORMANCE SPECIFICATIONS: @ 0° AOI T(avg): ≥91% FROM 350 - 539nm T(avg): ≥0.01% FROM 562 - 825nm CUT-OFF SLOPE: <1% CUT-OFF WAVELENGTH: 550nm ± 1%

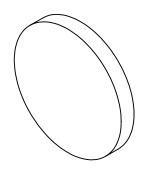


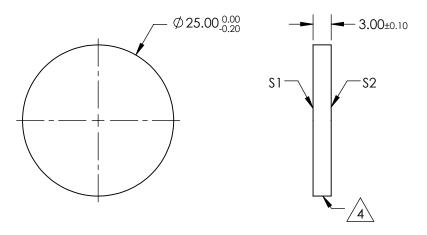
- 5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
- 6. TRANSMITTED WAVEFRONT DISTORTION RMS@ 632.8nm ≤ ¼ λ
- 7. ROHS COMPLIANT



SHORTPASS FILTER







	\$1	\$2
SHAPE	PLANO	PLANO
SURFACE QUALITY	40-20	40-20
CLEAR APERTURE	>80%	>80%
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

	<b>Edmund Optics</b> ®
1	ODA Ø25mm 550nm SHOPTPASS EILTED

THIRD ANGLE PROJECTION		TITLE	OD4, Ø25mm, 550nm, SHORTPASS FILTER		
ALL DIMS IN	mm	DWG NO	84708	SHEET 1 OF 1	

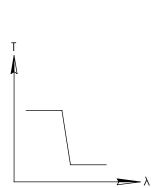
- 1. SUBSTRATE: UV GRADE FUSED SILICA
- 2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN <30 arcsec
- 3. COATING (APPLY ACROSS COATING APERTURE)

DURABILITY: MIL-C-48497A, SECT. 3.4.1

PERFORMANCE SPECIFICATIONS: @ 0° AOI T(avg): ≥91% FROM 350 - 564nm T(avg): ≥0.01% FROM 587 - 850nm CUT-OFF SLOPE: <1% CUT-OFF WAVELENGTH: 575nm ± 1%

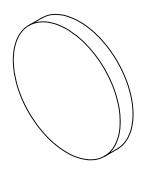


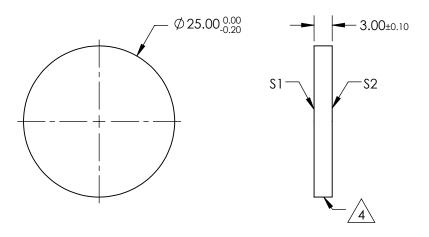
- 5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
- 6. TRANSMITTED WAVEFRONT DISTORTION RMS@ 632.8nm ≤ ¼ λ
- 7. ROHS COMPLIANT



SHORTPASS FILTER







	\$1	\$2			
SHAPE	PLANO	PLANO			
SURFACE QUALITY	40-20	40-20			
CLEAR APERTURE	>80%	>80%			
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED			

		Edmund Optics®
1		OD4. Ø25mm. 575nm. SHORTPASS FILTER

THIRD ANGLE PROJECTION		TITLE	OD4, Ø25mm, 575nm, SHORTPASS FILTER	
ALL DIMS IN	mm	DWG NO	84709	SHEET 1 OF 1

- 1. SUBSTRATE: UV GRADE FUSED SILICA
- 2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN <30 arcsec
- 3. COATING (APPLY ACROSS COATING APERTURE)

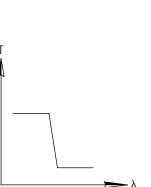
DURABILITY: MIL-C-48497A, SECT. 3.4.1

PERFORMANCE SPECIFICATIONS: @ 0° AOI T(avg): ≥91% FROM 350 - 587nm T(avg): ≤0.01% FROM 614 - 900nm CUT-OFF SLOPE: <1%

CUT-OFF WAVELENGTH: 600nm ± 1%

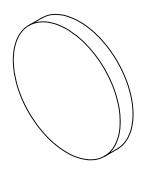


- 5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
- 6. TRANSMITTED WAVEFRONT DISTORTION RMS@ 632.8nm ≤ ¼ λ
- 7. ROHS COMPLIANT



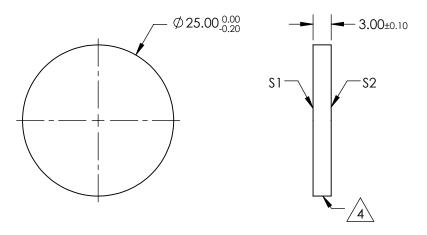
SHORTPASS FILTER





SHEET

1 OF 1



DWG NO

ALL DIMS IN

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE DIMENSIONS ARE FOR REFERENCE ONLY

	\$1	\$2		
SHAPE	PLANO	PLANO		
SURFACE QUALITY	40-20	40-20		
CLEAR APERTURE	>80%	>80%		
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED		

_		15	Edmund Optics®
	THIRD ANGLE PROJECTION	TITLE	OD4, Ø25mm, 600nm, SHORTPASS FILTER

84710

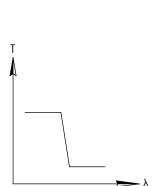
- 1. SUBSTRATE: UV GRADE FUSED SILICA
- 2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN <30 arcsec
- 3. COATING (APPLY ACROSS COATING APERTURE)

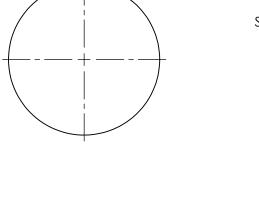
DURABILITY: MIL-C-48497A, SECT. 3.4.1

PERFORMANCE SPECIFICATIONS: @ 0° AOI T(avg): ≥91% FROM 350 - 612nm T(avg): ≥91% FROM 639 - 925nm CUT-OFF SLOPE: <1% CUT-OFF WAVELENGTH: 625nm ± 1%



- 5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
- 6. TRANSMITTED WAVEFRONT DISTORTION RMS@ 632.8nm ≤ ¼ λ
- 7. ROHS COMPLIANT

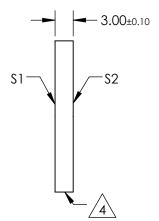




ALL DIMS IN

PARTS TO THIS DRAWING

 $\emptyset$  25.00 $^{0.00}_{-0.20}$ 



### SHORTPASS FILTER

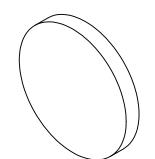
SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE DIMENSIONS ARE FOR REFERENCE ONLY

	\$1	\$2
SHAPE	PLANO	PLANO
SURFACE QUALITY	40-20	40-20
CLEAR APERTURE	>80%	>80%
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

			Edmund Optic	\$S®
THIRD ANGLE _ PROJECTION	$\phi \Leftrightarrow$	TITLE	OD4, Ø25mm, 625nm, SHORTPASS FIL	.TER
 ALL DIMS IN	mm	DWG NO	0.471.1	SHEET

84711

DWG NO



1 OF 1

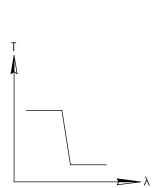
- 1. SUBSTRATE: UV GRADE FUSED SILICA
- 2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN <30 arcsec
- 3. COATING (APPLY ACROSS COATING APERTURE)

DURABILITY: MIL-C-48497A, SECT. 3.4.1

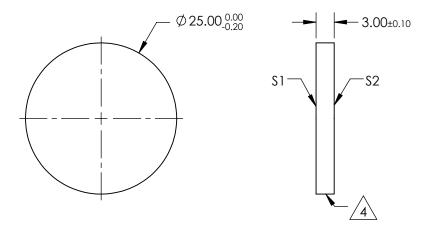
PERFORMANCE SPECIFICATIONS: @ 0° AOI T(avg): ≥91% FROM 350 - 636nm T(avg): ≥0.01% FROM 665 - 960nm CUT-OFF SLOPE: <1% CUT-OFF WAVELENGTH: 650nm ± 1%



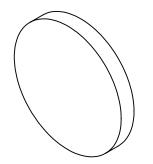
- 5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
- 6. TRANSMITTED WAVEFRONT DISTORTION RMS@ 632.8nm ≤ ¼ λ
- 7. ROHS COMPLIANT



SHORTPASS FILTER



PARTS TO THIS DRAWING



	\$1	\$2
SHAPE	PLANO	PLANO
SURFACE QUALITY	40-20	40-20
CLEAR APERTURE	>80%	>80%
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

				<b>Eamuna Optic</b>	S <sup>®</sup>
	THIRD ANGLE PROJECTION	$\phi \Leftrightarrow$	TITLE	OD4, Ø25mm, 650nm, SHORTPASS FIL	TER.
D	ALL DIMS IN	mm	DWG NO	84712	SHEET 1 OF 1

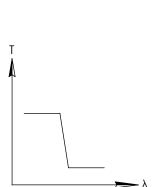
- 1. SUBSTRATE: UV GRADE FUSED SILICA
- 2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN <30 arcsec
- 3. COATING (APPLY ACROSS COATING APERTURE)

DURABILITY: MIL-C-48497A, SECT. 3.4.1

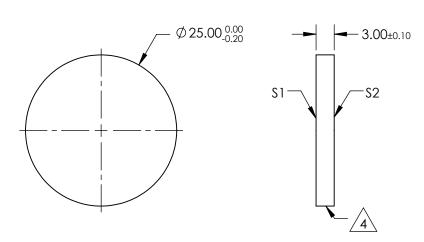
PERFORMANCE SPECIFICATIONS: @ 0° AOI T(avg): ≥91% FROM 350 - 661nm T(avg): ≥0.01% FROM 690 - 1000nm CUT-OFF SLOPE: <1% CUT-OFF WAVELENGTH: 675nm ± 1%



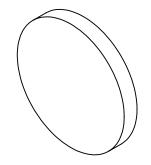
- 5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
- 6. TRANSMITTED WAVEFRONT DISTORTION RMS@ 632.8nm ≤ ¼ λ
- 7. ROHS COMPLIANT



SHORTPASS FILTER



PARTS TO THIS DRAWING



SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE DIMENSIONS ARE FOR REFERENCE ONLY

	\$1	\$2
SHAPE	PLANO	PLANO
SURFACE QUALITY	40-20	40-20
CLEAR APERTURE	>80%	>80%
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

			Ul		S
	THIRD ANGLE PROJECTION	$\phi \lhd$	TITLE	OD4, Ø25mm, 675nm, SHORTPASS FIL	.TER
D	ALL DIMS IN	mm	DWG NO	84713	SHEET 1 OF 1

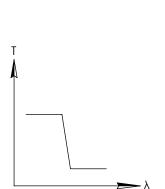
- 1. SUBSTRATE: UV GRADE FUSED SILICA
- 2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN <30 arcsec
- 3. COATING (APPLY ACROSS COATING APERTURE)

DURABILITY: MIL-C-48497A, SECT. 3.4.1

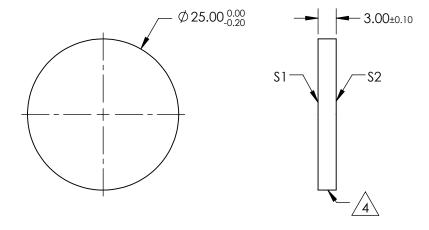
PERFORMANCE SPECIFICATIONS: @ 0° AOI T(avg): ≥91% FROM 400 - 685nm T(avg): ≥0.01% FROM 715 - 1050nm CUT-OFF SLOPE: <1% CUT-OFF WAVELENGTH: 700nm ± 1%



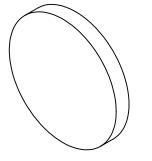
- 5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
- 6. TRANSMITTED WAVEFRONT DISTORTION RMS@ 632.8nm ≤ ¼ λ
- 7. ROHS COMPLIANT



SHORTPASS FILTER



PARTS TO THIS DRAWING



SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE DIMENSIONS ARE FOR REFERENCE ONLY

	\$1	S2
SHAPE	PLANO	PLANO
SURFACE QUALITY	40-20	40-20
CLEAR APERTURE	>80%	>80%
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

			<b>U</b>		, <b>5</b> °
	THIRD ANGLE _ PROJECTION	$\phi \lhd$	TITLE	OD4, Ø25mm, 700nm, SHORTPASS FIL	TER
D	ALL DIMS IN	mm	DWG NO	84714	SHEET 1 OF 1

- 1. SUBSTRATE: UV GRADE FUSED SILICA
- 2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN <30 arcsec
- 3. COATING (APPLY ACROSS COATING APERTURE)

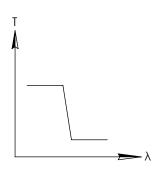
DURABILITY: MIL-C-48497A, SECT. 3.4.1

PERFORMANCE SPECIFICATIONS: @ 0° AOI T(avg): ≥91% FROM 400 - 710nm T(avg): ≥ 0.01% FROM 740 - 1090nm CUT-OFF SLOPE: <1% CUT-OFF WAVELENGTH: 725nm ± 1%

### 4. FINE GRIND SURFACE

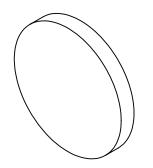
- 5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
- 6. TRANSMITTED WAVEFRONT DISTORTION RMS@ 632.8nm ≤ ¼ λ
- 7. ROHS COMPLIANT

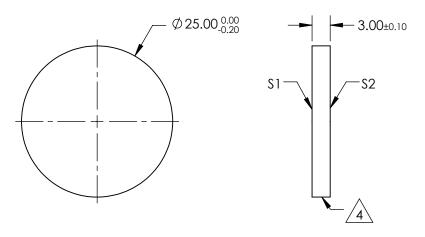




### SHORTPASS FILTER







	\$1	\$2
SHAPE	PLANO	PLANO
SURFACE QUALITY	40-20	40-20
CLEAR APERTURE	>80%	>80%
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

		Edmund Optics®
 		OD4, Ø25mm, 725nm, SHORTPASS FILTER

THIRD ANGLE PROJECTION		TITLE	OD4, Ø25mm, 725nm, SHORTPASS FIL	TER.
ALL DIMS IN	mm	DWG NO	86103	SHEET 1 OF 1

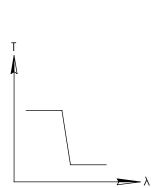
- 1. SUBSTRATE: UV GRADE FUSED SILICA
- 2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN <30 arcsec
- 3. COATING (APPLY ACROSS COATING APERTURE)

DURABILITY: MIL-C-48497A, SECT. 3.4.1

PERFORMANCE SPECIFICATIONS: @ 0° AOI T(avg): ≥91% FROM 400 - 760nm T(avg): ≥91% FROM 795 - 1155nm CUT-OFF SLOPE: <1% CUT-OFF WAVELENGTH: 775nm ± 1%

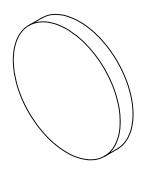


- 5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
- 6. TRANSMITTED WAVEFRONT DISTORTION RMS@ 632.8nm ≤ ¼ λ
- 7. ROHS COMPLIANT



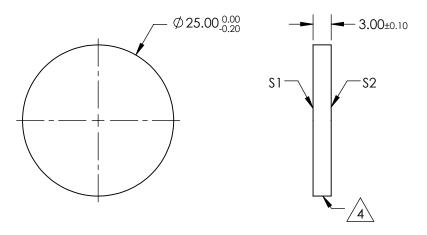
SHORTPASS FILTER





SHEET

1 OF 1



DWG NO

ALL DIMS IN

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE DIMENSIONS ARE FOR REFERENCE ONLY

	\$1	\$2	
SHAPE	PLANO	PLANO	
SURFACE QUALITY	40-20	40-20	
CLEAR APERTURE	>80%	>80%	
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED	

	5	Edmund Optics®
THIRD ANGLE PROJECTION	TITLE	OD4, Ø25mm, 775nm, SHORTPASS FILTER

86104

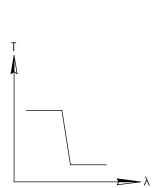
- 1. SUBSTRATE: UV GRADE FUSED SILICA
- 2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN <30 arcsec
- 3. COATING (APPLY ACROSS COATING APERTURE)

DURABILITY: MIL-C-48497A, SECT. 3.4.1

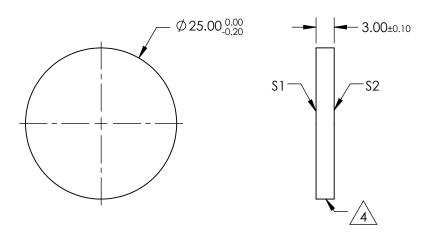
PERFORMANCE SPECIFICATIONS: @ 0° AOI T(avg): ≥91% FROM 400 - 810nm T(avg): ≥ 0.01% FROM 850 - 1190nm CUT-OFF SLOPE: <1% CUT-OFF WAVELENGTH: 825nm ± 1%



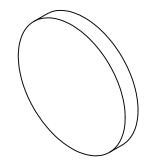
- 5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
- 6. TRANSMITTED WAVEFRONT DISTORTION RMS@ 632.8nm ≤ ¼ λ
- 7. ROHS COMPLIANT



SHORTPASS FILTER



PARTS TO THIS DRAWING



SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE DIMENSIONS ARE FOR REFERENCE ONLY

	\$1	\$2	
SHAPE	PLANO	PLANO	
SURFACE QUALITY	40-20	40-20	
CLEAR APERTURE	>80%	>80%	
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED	

				S
THIRD ANGLE _ PROJECTION	$\phi \Leftrightarrow$	TITLE	OD4, Ø25mm, 825nm, SHORTPASS FIL	.TER
 ALL DIMS IN	mm	DWG NO	86105	SHEET 1 OF 1

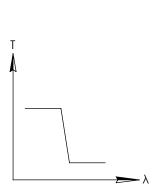
- 1. SUBSTRATE: UV GRADE FUSED SILICA
- 2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN <30 arcsec
- 3. COATING (APPLY ACROSS COATING APERTURE)

DURABILITY: MIL-C-48497A, SECT. 3.4.1

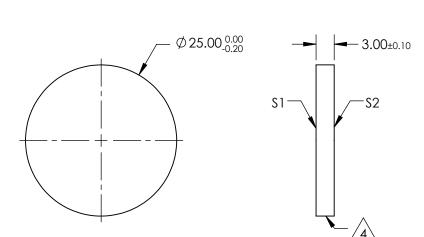
PERFORMANCE SPECIFICATIONS: @ 0° AOI T(avg): ≥91% FROM 425 - 860nm T(avg): ≥ 0.01% FROM 905 - 1220nm CUT-OFF SLOPE: <1% CUT-OFF WAVELENGTH: 875nm ± 1%



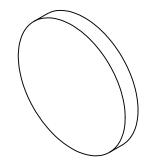
- 5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
- 6. TRANSMITTED WAVEFRONT DISTORTION RMS@ 632.8nm ≤ ¼ λ
- 7. ROHS COMPLIANT



SHORTPASS FILTER



PARTS TO THIS DRAWING



	\$1	\$2
SHAPE	PLANO	PLANO
SURFACE QUALITY	40-20	40-20
CLEAR APERTURE	>80%	>80%
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

	<sup>®</sup> Edmund Optics <sup>®</sup>
1	OD4 Ø25mm 875nm SHOPTPASS FILTER

THIRD ANGLE PROJECTION		TITLE	OD4, Ø25mm, 875nm, SHORTPASS FIL	TER
ALL DIMS IN	mm	DWG NO	86106	SHEET 1 OF 1

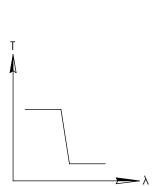
- 1. SUBSTRATE: UV GRADE FUSED SILICA
- 2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN <30 arcsec
- 3. COATING (APPLY ACROSS COATING APERTURE)

DURABILITY: MIL-C-48497A, SECT. 3.4.1

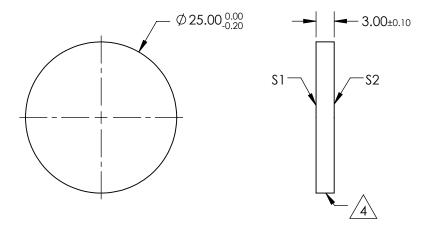
PERFORMANCE SPECIFICATIONS: @ 0° AOI T(avg): ≥91% FROM 445 - 910nm T(avg): ≥ 0.01% FROM 955 - 1290nm CUT-OFF SLOPE: <1% CUT-OFF WAVELENGTH: 925nm ± 1%



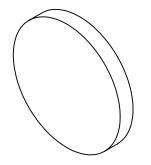
- 5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
- 6. TRANSMITTED WAVEFRONT DISTORTION RMS@ 632.8nm ≤ ¼ λ
- 7. ROHS COMPLIANT



SHORTPASS FILTER



PARTS TO THIS DRAWING



SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE DIMENSIONS ARE FOR REFERENCE ONLY

	\$1	\$2
SHAPE	PLANO	PLANO
SURFACE QUALITY	40-20	40-20
CLEAR APERTURE	>80%	>80%
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

			<b>G</b>	<b>B</b> Eamuna Optio	S <sup>®</sup>
	THIRD ANGLE PROJECTION	<b>\$</b>	TITLE	OD4, Ø25mm, 925nm, SHORTPASS FIL	TER
D	ALL DIMS IN	mm	DWG NO	86107	SHEET 1 OF 1

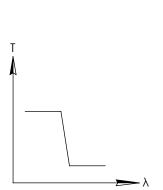
- 1. SUBSTRATE: UV GRADE FUSED SILICA
- 2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN <30 arcsec
- 3. COATING (APPLY ACROSS COATING APERTURE)

DURABILITY: MIL-C-48497A, SECT. 3.4.1

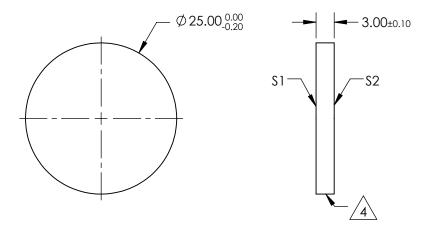
PERFORMANCE SPECIFICATIONS: @ 0° AOI T(avg): >91% FROM 465 - 960nm
T(avg): >0.01% FROM 1005 - 1365nm
CUT-OFF SLOPE: <1%
CUT-OFF WAVELENGTH: 975nm ± 1%

# 4. FINE GRIND SURFACE

- 5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
- 6. TRANSMITTED WAVEFRONT DISTORTION RMS@ 632.8nm ≤ ¼ λ
- 7. ROHS COMPLIANT



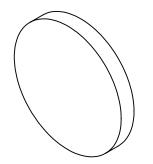
SHORTPASS FILTER



DWG NO

ALL DIMS IN

PARTS TO THIS DRAWING



1 OF 1

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE DIMENSIONS ARE FOR REFERENCE ONLY

	\$1	S2	
SHAPE	PLANO	PLANO	
SURFACE QUALITY	40-20	40-20	
CLEAR APERTURE	>80%	>80%	
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED	

				Edmund Option	;S®
	THIRD ANGLE PROJECTION	$\phi$	TITLE	OD4, Ø25mm, 975nm, SHORTPASS FIL	.TER
_	ALL DIMS IN	mm	DWG NO	0/100	SHEET

86108

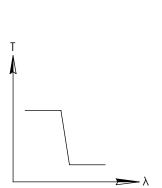
- 1. SUBSTRATE: UV GRADE FUSED SILICA
- 2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN <30 arcsec
- 3. COATING (APPLY ACROSS COATING APERTURE)

DURABILITY: MIL-C-48497A, SECT. 3.4.1

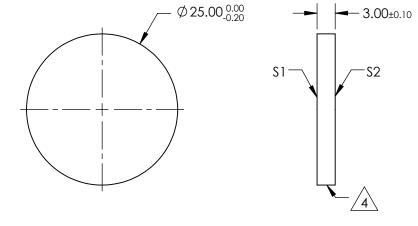
PERFORMANCE SPECIFICATIONS: @ 0° AOI T(avg): >91% FROM 490 - 1010nm T(avg): >0.01% FROM 1060 - 1430nm CUT-OFF SLOPE: <1% CUT-OFF WAVELENGTH: 1025nm ± 1%

# 4. FINE GRIND SURFACE

- 5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
- 6. TRANSMITTED WAVEFRONT DISTORTION RMS@ 632.8nm ≤ ¼ λ
- 7. ROHS COMPLIANT



SHORTPASS FILTER



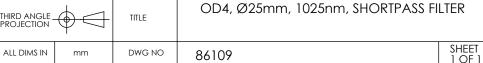
PARTS TO THIS DRAWING

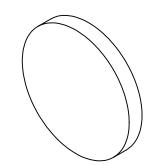
SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE DIMENSIONS ARE FOR REFERENCE ONLY

	\$1	\$2	
SHAPE	PLANO	PLANO	
SURFACE QUALITY	40-20	40-20	
CLEAR APERTURE	>80%	>80%	
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED	

	15	Edmund Optics®
THIRD ANGLE PROJECTION	TITLE	OD4, Ø25mm, 1025nm, SHORTPASS FILTER

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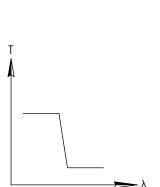
- 1. SUBSTRATE: UV GRADE FUSED SILICA
- 2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN <30 arcsec
- 3. COATING (APPLY ACROSS COATING APERTURE)

DURABILITY: MIL-C-48497A, SECT. 3.4.1

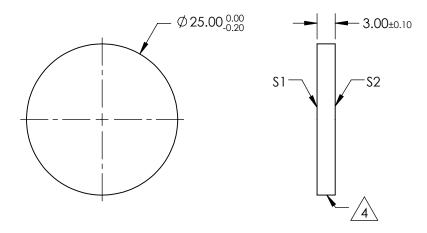
PERFORMANCE SPECIFICATIONS: @ 0° AOI T(avg): ≥91% FROM 505 - 1060nm T(avg): ≤0.01% FROM 1110 - 1495nm CUT-OFF SLOPE: <1% CUT-OFF WAVELENGTH: 1075nm ± 1%



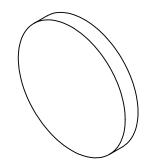
- 5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
- 6. TRANSMITTED WAVEFRONT DISTORTION RMS@ 632.8nm ≤ ¼ λ
- 7. ROHS COMPLIANT



SHORTPASS FILTER



PARTS TO THIS DRAWING



SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE DIMENSIONS ARE FOR REFERENCE ONLY

		\$1	\$2		
	SHAPE	PLANO	PLANO		
	SURFACE QUALITY	40-20	40-20		
	CLEAR APERTURE	>80%	>80%		
	BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED		

	THIRD ANGLE PROJECTION		TITLE	OD4, Ø25mm, 1075nm, SHORTPASS FILTER	
D	ALL DIMS IN	mm	DWG NO	86110	SHEET 1 OF 1