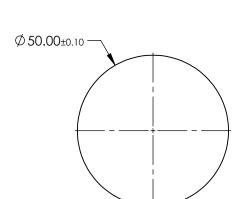
1. SUBSTRATE: HOYA GLASS: ND-70

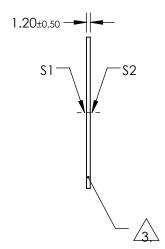
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN <0.02mm

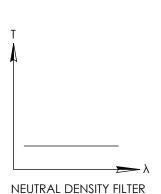
FOR INFORMATION ONLY: DO NOT MANUFACTURE PARTS TO THIS DRAWING



- 4. OPTICAL DENSITY: 0.1 ±0.03
- 5. TRANSMISSION (%): 79 % AVERAGE FROM 400-700nm
- 6. ROHS COMPLIANT







	\$1	\$2				OD 0.1, Ø50mm ABSORPTIVE ND FIL	TER
SHAPE	PLANO	PLANO	THIRD ANGLE PROJECTION	$\bigcirc$	TITLE	OB 0.17, Ø30111117/B3OKI 11VE ND 11E	-ILIX
SURFACE QUALITY	80-50	80-50		1			CHEET
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED	ALL DIMS IN	mm	DWG NO	65808	SHEET 1 OF 1

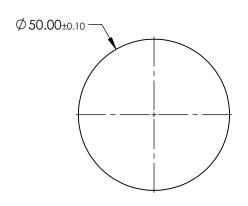
1. SUBSTRATE: HOYA GLASS: ND-70

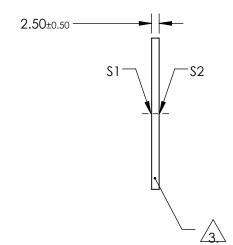
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN <0.02mm

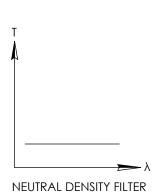
FOR INFORMATION ONLY: DO NOT MANUFACTURE PARTS TO THIS DRAWING



- 4. OPTICAL DENSITY: 0.15 ±0.04
- 5. TRANSMISSION (%): 70 % AVERAGE FROM 400-700nm
- 6. ROHS COMPLIANT







	\$1	\$2		1		OD 0.15, Ø50mm ABSORPTIVE ND FIL	TER
SHAPE	PLANO	PLANO	THIRD ANGLE PROJECTION	$\bigcirc$	TITLE	OB 0.10, \$00111117 NBOOKI 11VE NB 111	LILK
SURFACE QUALITY	80-50	80-50					CHEET
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED	ALL DIMS IN	mm	DWG NO	65809	SHEET 1 OF 1

1. SUBSTRATE: HOYA GLASS: ND-50

2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN <0.02mm

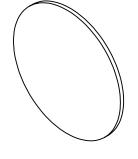
FOR INFORMATION ONLY: DO NOT MANUFACTURE PARTS TO THIS DRAWING

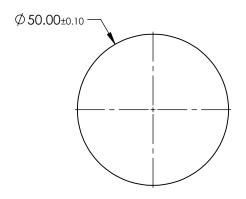


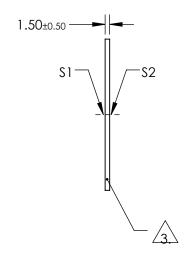
4. OPTICAL DENSITY: 0.2 ±0.05

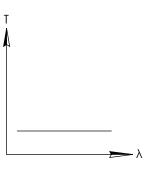
5. TRANSMISSION (%): 63 % AVERAGE FROM 400-700nm

6. ROHS COMPLIANT









NEUTRAL DENSITY FILTER

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	\$1	S2		1		OD 0.2, Ø50mm ABSORPTIVE ND FIL	TER
SHAPE	PLANO	PLANO	THIRD ANGLE PROJECTION	$\bigcirc$	TITLE	OB 0.2, Ø30HIII / NB3OKI II VE NB HE	ILIX
SURFACE QUALITY	80-50	80-50		ı			CHEET
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED	ALL DIMS IN	mm	DWG NO	65810	SHEET 1 OF 1

1. SUBSTRATE: HOYA GLASS: ND-50

2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN <0.02mm

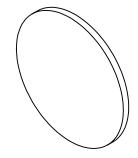
FOR INFORMATION ONLY:
DO NOT MANUFACTURE
PARTS TO THIS DRAWING

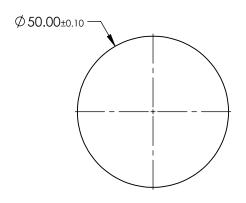


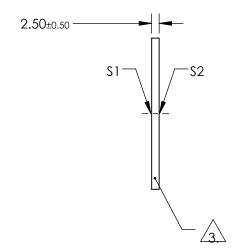
4. OPTICAL DENSITY: 0.3 ±0.05

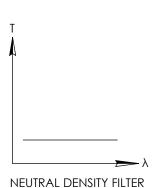
5. TRANSMISSION (%): 50 % AVERAGE FROM 400-700nm

6. ROHS COMPLIANT









	Edmund	Optics®
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	S1	\$2		1		OD 0.3, Ø50mm ABSORPTIVE ND	FILTER
SHAPE	PLANO	PLANO	THIRD ANGLE PROJECTION	$\bigcirc$	TITLE	OD 0.3, \$30mm / Nosciki iive No	TILILIX
SURFACE QUALITY	80-50	80-50		1			CHE
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED	ALL DIMS IN	mm	DWG NO	65811	SHEE 1 OF

1. SUBSTRATE: HOYA GLASS: ND-40

2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN <0.02mm

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PARTS TO THIS DRAW

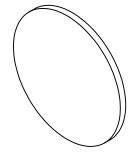
FOR INFORMATION ONLY:
DO NOT MANUFACTURE
PARTS TO THIS DRAWING

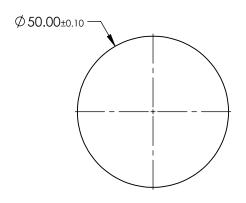


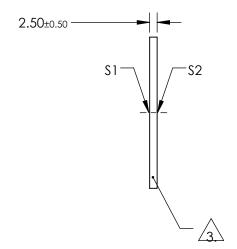
4. OPTICAL DENSITY: 0.4 ±0.05

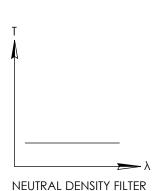
5. TRANSMISSION (%): 40 % AVERAGE FROM 400-700nm

6. ROHS COMPLIANT









	Edmund	Optics®
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	S1	\$2		1		OD 0.4, Ø50mm ABSORPTIVE ND FIL	TER
SHAPE	PLANO	PLANO	THIRD ANGLE PROJECTION	$\bigcirc$	TITLE	OB 0.4, Ø30Hill / NB3OKI HVE NB HE	ILIX
SURFACE QUALITY	80-50	80-50		1			CHEET
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED	ALL DIMS IN	mm	DWG NO	65812	SHEET 1 OF 1

1. SUBSTRATE: HOYA GLASS: ND-25

2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN < 0.02mm

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PARTS TO THIS DRAWING

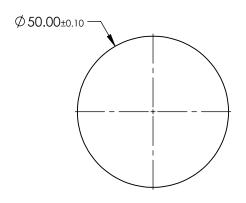


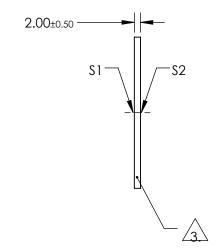
4. OPTICAL DENSITY: 0.5 ±0.05

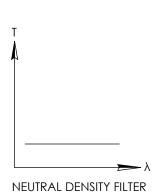
5. TRANSMISSION (%): 32 % AVERAGE FROM 400-700nm

6. ROHS COMPLIANT









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	S1	S2		1		OD 0.5, Ø50mm ABSORPTI	VE ND FILTER
SHAPE	PLANO	PLANO	THIRD ANGLE PROJECTION	$\bigcirc$	TITLE	00 0.3, \$30mm Ab30Km	VE NOTILIER
SURFACE QUALITY	80-50	80-50		1			CLIEFT
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED	ALL DIMS IN	mm	DWG NO	65813	SHEET 1 OF 1

1. SUBSTRATE: HOYA GLASS: ND-25

2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN <0.02mm

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PARTS TO THIS DRAWING

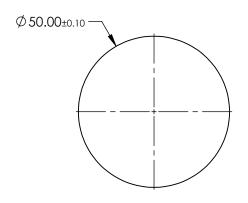


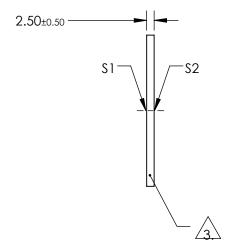


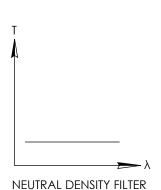
4. OPTICAL DENSITY: 0.6 ±0.05

5. TRANSMISSION (%): 25 % AVERAGE FROM 400-700nm

6. ROHS COMPLIANT







	\$1	S2			OD 0.6, Ø50mm ABSORPTIVE ND FILT	TER
SHAPE	PLANO	PLANO	THIRD ANGLE PROJECTION	TITLE	OB 0.0, Ø30Hill / NBOKI HVE NB HE	ILK
SURFACE QUALITY	80-50	80-50				011557
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED	ALL DIMS IN mm	DWG NO	65814	SHEET 1 OF 1

1. SUBSTRATE: HOYA GLASS: ND-25

2. SURFACE S2 TO BE PARALLEL WITH SURFACE \$1 TO WITHIN <0.02mm

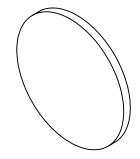
FOR INFORMATION ONLY: DO NOT MANUFACTURE PARTS TO THIS DRAWING

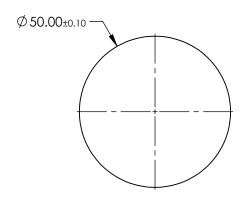


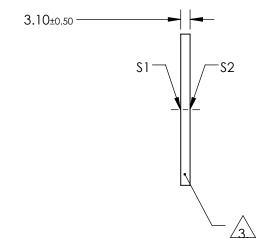
4. OPTICAL DENSITY: 0.7 ±0.05

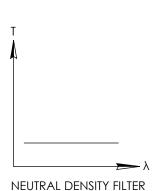
5. TRANSMISSION (%): 20 % AVERAGE FROM 400-700nm

6. ROHS COMPLIANT









	\$1	S2	1 .		OD 0.7, Ø50mm ABSORPTIVE ND FILTER		
SHAPE	PLANO	PLANO	THIRD ANGLE PROJECTION	$\bigcirc$	TITLE	OB 0.7, Ø30HIH 7, Ø30KH HVE HVD HE	- I L IX
SURFACE QUALITY	80-50	80-50					CLIEFT
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED	ALL DIMS IN	mm	DWG NO	65815	SHEET 1 OF 1

1. SUBSTRATE: HOYA GLASS: ND-13

2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN < 0.02mm

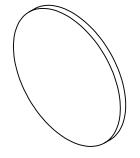
FOR INFORMATION ONLY:
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PARTS TO THIS DRAWING

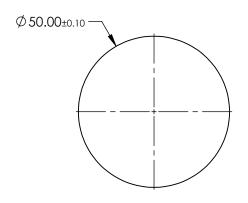


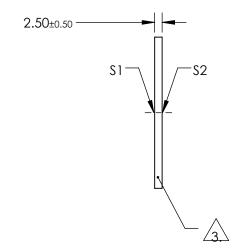
4. OPTICAL DENSITY: 0.9 ±0.1

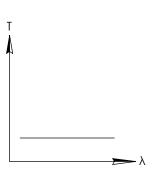
5. TRANSMISSION (%): 12.5 % AVERAGE FROM 400-700nm

6. ROHS COMPLIANT









NEUTRAL DENSITY FILTER

	\$1	S2	٠		OD 0.9, Ø50mm ABSORPTIVE ND FII		
SHAPE	PLANO	PLANO	THIRD ANGLE PROJECTION	$\bigcirc$	TITLE	OB 0.7, Ø30HIII / NB3OKI HVE NB HE	ILK
SURFACE QUALITY	80-50	80-50		I			CHEET
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED	ALL DIMS IN	mm	DWG NO	65816	SHEET 1 OF 1

1. SUBSTRATE: HOYA GLASS: ND-0.3

2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN < 0.02mm

FOR INFORMATION ONLY: DO NOT MANUFACTURE PARTS TO THIS DRAWING

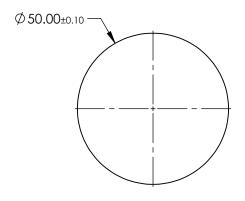


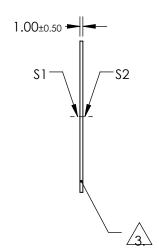
4. OPTICAL DENSITY: 1.0 ±0.1

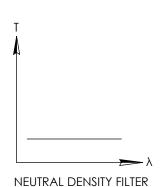
5. TRANSMISSION (%): 10 % AVERAGE FROM 400-700nm

6. ROHS COMPLIANT









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	\$1	\$2	1 .		OD 1, Ø50mm ABSORPTIVE ND	
SHAPE	PLANO	PLANO	THIRD ANGLE PROJECTION	TITLE	OD 1, \$500111117 (B30KI 11VE ND TIETE	_1X
SURFACE QUALITY	80-50	80-50				CLIEFT
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED	ALL DIMS IN mm	DWG NO	65817	SHEET 1 OF 1

1. SUBSTRATE: HOYA GLASS: ND-0.3

2. SURFACE S2 TO BE PARALLEL WITH SURFACE \$1 TO WITHIN <0.02mm

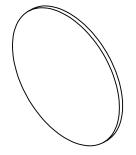
FOR INFORMATION ONLY:
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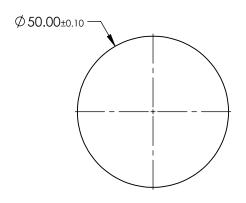


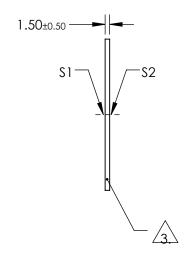
4. OPTICAL DENSITY: 1.3 ±0.1

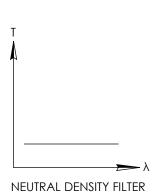
5. TRANSMISSION (%): 5 % AVERAGE FROM 400-700nm

6. ROHS COMPLIANT









	S1	\$2	4 1		OD 1.3, Ø50mm ABSORPTIVE ND FILTER		
SHAPE	PLANO	PLANO	THIRD ANGLE PROJECTION				TITLE
SURFACE QUALITY	80-50	80-50		ı			CHEET
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED	ALL DIMS IN	mm	DWG NO	65818	SHEET 1 OF 1

1. SUBSTRATE: HOYA GLASS: ND-0.3

2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN < 0.02mm

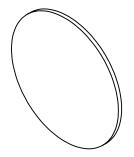
FOR INFORMATION ONLY: DO NOT MANUFACTURE PARTS TO THIS DRAWING

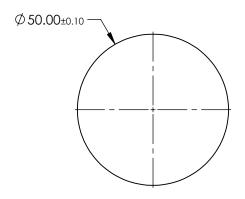


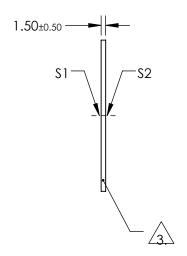
4. OPTICAL DENSITY: 1.5 ±0.1

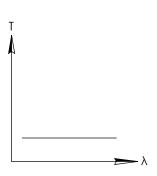
5. TRANSMISSION (%): 3.2 % AVERAGE FROM 400-700nm

6. ROHS COMPLIANT









**NEUTRAL DENSITY FILTER** 



	\$1	\$2			OD 1.5, Ø50mm ABSORPTIVE ND FILTER		
SHAPE	PLANO	PLANO	THIRD ANGLE PROJECTION				TITLE
SURFACE QUALITY	80-50	80-50		ı			CHEET
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED	ALL DIMS IN	mm	DWG NO	65819	SHEET 1 OF 1

1. SUBSTRATE: HOYA GLASS: ND-0.3

2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN <0.02mm

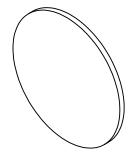
FOR INFORMATION ONLY: DO NOT MANUFACTURE PARTS TO THIS DRAWING

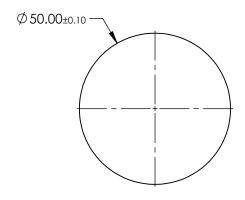


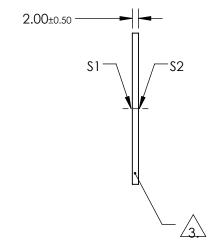
4. OPTICAL DENSITY: 2.0 ±0.3

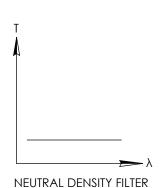
5. TRANSMISSION (%): 1 % AVERAGE FROM 400-700nm

6. ROHS COMPLIANT









	\$1	S2	THIRD ANGLE PROJECTION		OD 2, Ø50mm ABSORPTIVE ND FILTER		
SHAPE	PLANO	PLANO		TITLE			
SURFACE QUALITY	80-50	80-50		 			CLIEFT
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED	ALL DIMS IN	mm	DWG NO	65820	SHEET 1 OF 1

1. SUBSTRATE: HOYA GLASS: ND-0.3

2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN < 0.02mm

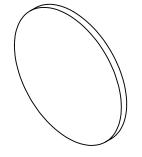
FOR INFORMATION ONLY:
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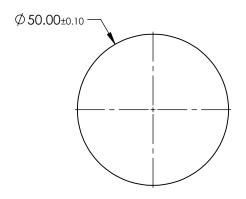


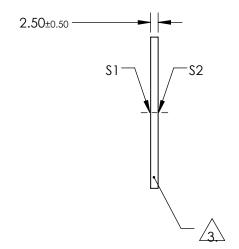
4. OPTICAL DENSITY: 2.5 ±0.1

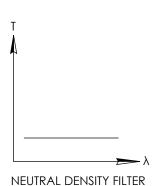
5. TRANSMISSION (%): 0.3 % AVERAGE FROM 400-700nm

6. ROHS COMPLIANT









SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE DIMENSIONS ARE FOR REFERENCE ONLY

SHEET 1 OF 1

		\$1	S2		TITLE	OD 2.5, Ø50mm ABSORPTIVE ND FILTER		
S	HAPE	PLANO	PLANO	THIRD ANGLE PROJECTION				
S	URFACE QUALITY	80-50	80-50		ı			CIII
В	EVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED	ALL DIMS IN	mm	DWG NO	65821	SHI 1 C