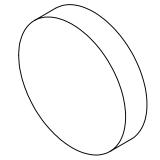
SUBSTRATE: HOYA GLASS: ND-70

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

DO NOT MANUFACTURE PARTS TO THIS DRAWING

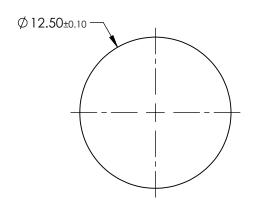


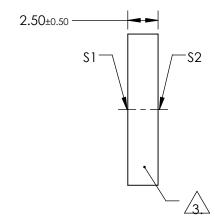
3. FINE GRIND SURFACE

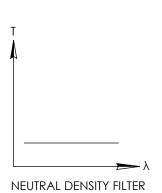
4. OPTICAL DENSITY: 0.15 ±0.03

5. TRANSMISSION (%): 70 % AVERAGE FROM 400-700nm

6. ROHS COMPLIANT







SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE DIMENSIONS ARE FOR REFERENCE ONLY

Edmund Optics

	S 1	\$2		1
SHAPE	PLANO		THIRD ANGLE PROJECTION	\bigcirc
SURFACE QUALITY	80-50	80-50		
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED	ALL DIMS IN	mm

	1		
	THIRD ANGLE PROJECTION	$\bigoplus \bigoplus$	
		1	
)	ALL DIMS IN	mm	

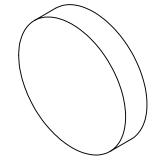
SHEET 1 OF 1

DIMS IN	mm	DWG NO	48523
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1. SUBSTRATE: HOYA GLASS: ND-50

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

FOR INFORMATION ONLY:
DO NOT MANUFACTURE
PARTS TO THIS DRAWING

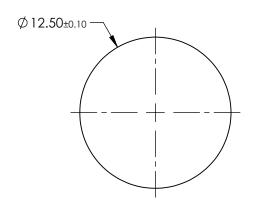


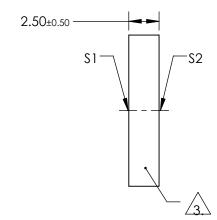
3. FINE GRIND SURFACE

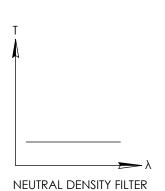
4. OPTICAL DENSITY: 0.3 ±0.05

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

6. ROHS COMPLIANT







SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE DIMENSIONS ARE FOR REFERENCE ONLY

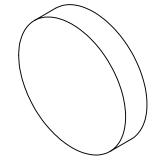
SHEET 1 OF 1

		\$1	\$2		1		OD 0.3, Ø12.5mm ABSORPTIVE ND FI	II TER
SH	HAPE	PLANO	PLANO	THIRD ANGLE _ PROJECTION	\bigcirc	TITLE	00 0.0, \$12.5111117 (b30K1 11VE 14D 11	ILILIX
SI	JRFACE QUALITY	80-50	80-50		<u> </u>			CLIEF
ВІ	EVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED	ALL DIMS IN	mm	DWG NO	48524	SHEE 1 OF

1. SUBSTRATE: HOYA GLASS: ND-40

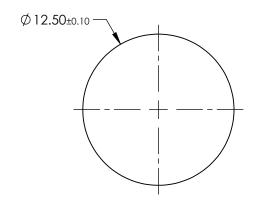
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN < 0.02 mm

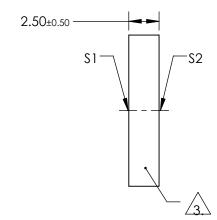
FOR INFORMATION ONLY:
DO NOT MANUFACTURE
PARTS TO THIS DRAWING



3. FINE GRIND SURFACE

- 4. OPTICAL DENSITY: 0.4 ±0.05
- 5. TRANSMISSION (%): 40 % AVERAGE FROM 400-700nm
- 6. ROHS COMPLIANT





Δ ______ λ

NEUTRAL DENSITY FILTER

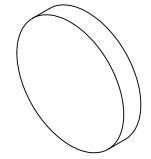
	Edmund	Optics®

	S1	\$2		i		OD 0.4, Ø12.5mm ABSORPTIVE ND FIL	ITER
SHAPE	PLANO	PLANO	THIRD ANGLE PROJECTION	\bigcirc	TITLE	00 0.4, Ø12.3Hilli7 030Ki live ND III	LILIX
SURFACE QUALITY	80-50	80-50		I			CHEET
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED	ALL DIMS IN	mm	DWG NO	48525	SHEET 1 OF 1

1. SUBSTRATE: HOYA GLASS: ND-25

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

FOR INFORMATION ONLY:
DO NOT MANUFACTURE
PARTS TO THIS DRAWING

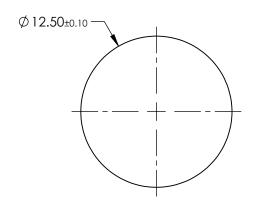


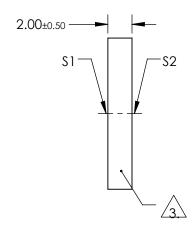
3. FINE GRIND SURFACE

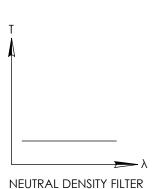
4. OPTICAL DENSITY: 0.5 ±0.05

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

6. ROHS COMPLIANT







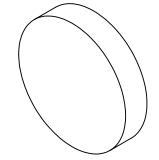
		B	Edmund Optics ®
	 _		OD 0.5, Ø12.5mm ABSORPTIVE ND FILTER

	S1	\$2				OD 0.5, Ø12.5mm ABSORPTIVE ND FIL	ITER
SHAPE	PLANO	PLANO	THIRD ANGLE PROJECTION	\bigcirc	TITLE	00 0.3, \$12.3111117 \b30K1 11\cdot E \tab 111	LILIX
SURFACE QUALITY	80-50	80-50		1			CHEET
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED	ALL DIMS IN	mm	DWG NO	48526	SHEET 1 OF 1

1. SUBSTRATE: HOYA GLASS: ND-25

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

FOR INFORMATION ONLY:
DO NOT MANUFACTURE
PARTS TO THIS DRAWING

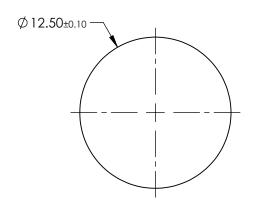


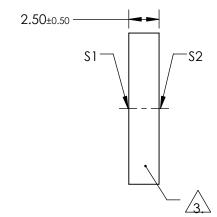
3. FINE GRIND SURFACE

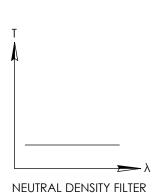
4. OPTICAL DENSITY: 0.6 ±0.05

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

6. ROHS COMPLIANT







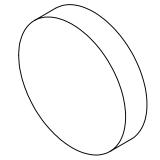
	Edr	nund	Opt	ics®

	S1	\$2		i		OD 0.6, Ø12.5mm ABSORPTIVE ND FIL	ITER
SHAPE	PLANO	PLANO	THIRD ANGLE PROJECTION	\bigcirc	TITLE	00 0.0, Ø12.3Hilli7/030Ki HVE ND H	LILIX
SURFACE QUALITY	80-50	80-50		I			CHEET
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED	ALL DIMS IN	mm	DWG NO	48527	SHEET 1 OF 1

1. SUBSTRATE: HOYA GLASS: ND-13

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

FOR INFORMATION ONLY:
DO NOT MANUFACTURE
PARTS TO THIS DRAWING

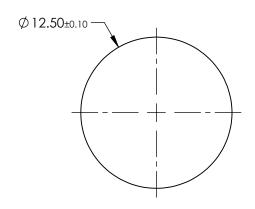


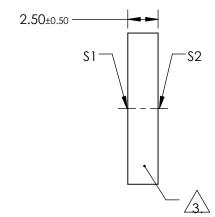
3. FINE GRIND SURFACE

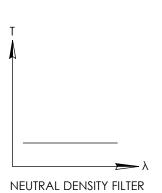
4. OPTICAL DENSITY: 0.9 ±0.1

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

6. ROHS COMPLIANT







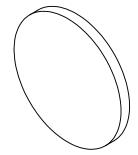
		I
	Edmund	Optics®

	\$1	\$2				OD 0.9, Ø12.5mm ABSORPTIVE ND FII	I TER
SHAPE	PLANO	PLANO	THIRD ANGLE PROJECTION	$\bigoplus \bigoplus$	TITLE	00 0.7, \$12.3Hill7\030Ki iive ive iii	LILIX
SURFACE QUALITY	80-50	80-50		1			CHEET
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED	ALL DIMS IN	mm	DWG NO	48528	SHEET 1 OF 1

1. SUBSTRATE: HOYA GLASS: ND-0.3

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

FOR INFORMATION ONLY:
DO NOT MANUFACTURE
PARTS TO THIS DRAWING

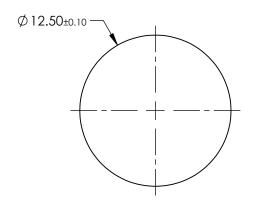


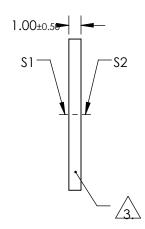
3. FINE GRIND SURFACE

4. OPTICAL DENSITY: 1.0 ±0.1

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

6. ROHS COMPLIANT





NEUTRAL DENSITY FILTER

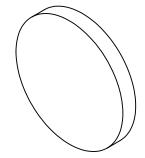
Edmund	Optics®

	S1	\$2				OD 1, Ø12.5mm ABSORPTIVE ND FIL	TER
SHAPE	PLANO	PLANO	THIRD ANGLE PROJECTION	\bigcirc	TITLE	OB 1, Ø12.3HIII / B3OKI II VE ND HE	ILK
SURFACE QUALITY	80-50	80-50		1			CLIEFT
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED	ALL DIMS IN	mm	DWG NO	48529	SHEET 1 OF 1

1. SUBSTRATE: HOYA GLASS: ND-0.3

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

FOR INFORMATION ONLY:
DO NOT MANUFACTURE
PARTS TO THIS DRAWING

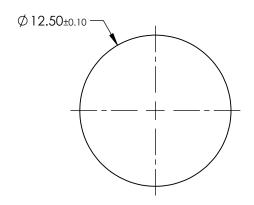


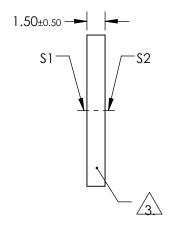
3. FINE GRIND SURFACE

4. OPTICAL DENSITY: 1.5 ±0.1

5. TRANSMISSION (%): 3 % AVERAGE FROM 400-700nm

6. ROHS COMPLIANT





NEUTRAL DENSITY FILTER

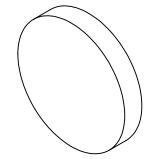
|--|

	S1	S2			OD 1.5, Ø12.5mm ABSORPTIVE ND FIL	TER
SHAPE	PLANO	PLANO	THIRD ANGLE PROJECTION	TITLE	OB 1.5, Ø12.5/1/11/1050K/11/E ND 11/	
SURFACE QUALITY	80-50	80-50				011557
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED	ALL DIMS IN mm	DWG NO	48530	SHEET 1 OF 1

1. SUBSTRATE: HOYA GLASS: ND-0.3

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

FOR INFORMATION ONLY:
DO NOT MANUFACTURE
PARTS TO THIS DRAWING

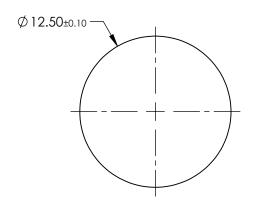


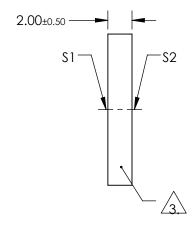
3. FINE GRIND SURFACE

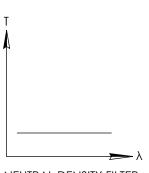
4. OPTICAL DENSITY: 2.0 ±0.3

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

6. ROHS COMPLIANT







NEUTRAL DENSITY FILTER

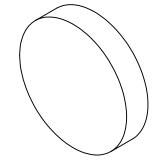
	Edmund	Optics®
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	\$1	S2				OD 2, Ø12.5mm ABSORPTIVE ND FIL	TER
SHAPE	PLANO	PLANO	THIRD ANGLE PROJECTION	\bigcirc	TITLE	OD 2, Ø12.3HIII / NOOKI II VE NOTE	ILIX
SURFACE QUALITY	80-50	80-50		1			CHEET
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED	ALL DIMS IN	mm	DWG NO	48531	SHEET 1 OF 1

1. SUBSTRATE: HOYA GLASS: ND-0.3

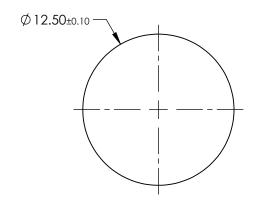
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN < 0.02 mm

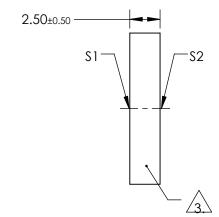
FOR INFORMATION ONLY:
DO NOT MANUFACTURE
PARTS TO THIS DRAWING

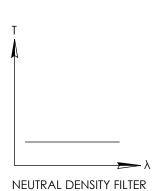


3. FINE GRIND SURFACE

- 4. OPTICAL DENSITY: 2.5 ±0.1
- 5. TRANSMISSION (%): 0.3 % AVERAGE FROM 400-700nm
- 6. ROHS COMPLIANT







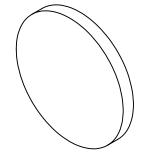
e	(R)	Ec	dmu	und	Op	tics	R

	\$1	S2				OD 2.5, Ø12.5mm ABSORPTIVE ND FIL	I TER
SHAPE	PLANO	PLANO	THIRD ANGLE PROJECTION	\bigcirc	TITLE	OB 2.5, Ø12.5Hilli ABSOKI HVE ND HI	LILIX
SURFACE QUALITY	80-50	80-50		1			CHEET
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED	ALL DIMS IN	mm	DWG NO	48532	SHEET 1 OF 1

1. SUBSTRATE: HOYA GLASS: ND-70

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

FOR INFORMATION ONLY:
DO NOT MANUFACTURE
PARTS TO THIS DRAWING

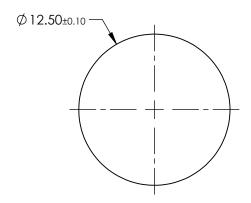


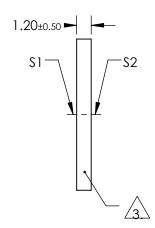
3. FINE GRIND SURFACE

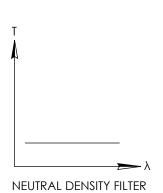
4. OPTICAL DENSITY: 0.1 ±0.03

5. TRANSMISSION (%): 79 % AVERAGE FROM 400-700nm

6. ROHS COMPLIANT







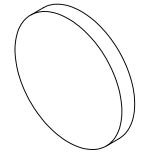
80	R	E	dm	und	Ok	otics	®

	\$1	S2		1		OD 0.1, Ø12.5mm ABSORPTIVE ND FILTER	
SHAPE	PLANO	PLANO	THIRD ANGLE PROJECTION	\bigcirc	TITLE	00 0.1, \$12.3111117 \b30K1 11VE ND 111	LILK
SURFACE QUALITY	80-50	80-50		I			CHEET
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED	ALL DIMS IN	mm	DWG NO	63456	SHEET 1 OF 1

1. SUBSTRATE: HOYA GLASS: ND-50

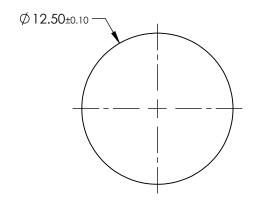
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN <0.02 mm

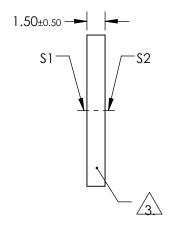
FOR INFORMATION ONLY:
DO NOT MANUFACTURE
PARTS TO THIS DRAWING

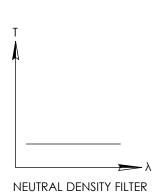


3. FINE GRIND SURFACE

- 4. OPTICAL DENSITY: 0.2 ±0.04
- 5. TRANSMISSION (%): 63 % AVERAGE FROM 400-700nm
- 6. ROHS COMPLIANT





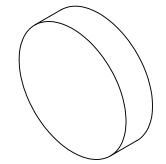


			_			-	
	\$1	\$2	THIRD ANGLE PROJECTION		TITLE	OD 0.2, Ø12.5mm ABSORPTIVE ND FILTER	
SHAPE	PLANO	PLANO					
SURFACE QUALITY	80-50	80-50		1			CUEET
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED	ALL DIMS IN	mm	DWG NO	63457	SHEET 1 OF

1. SUBSTRATE: HOYA GLASS: ND-25

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

FOR INFORMATION ONLY:
DO NOT MANUFACTURE
PARTS TO THIS DRAWING

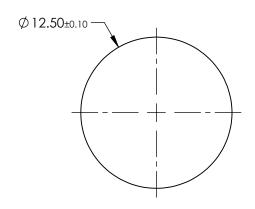


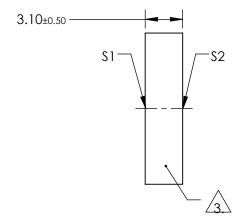
3. FINE GRIND SURFACE

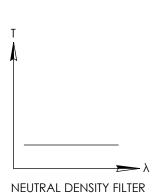
4. OPTICAL DENSITY: 0.7 ±0.05

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

6. ROHS COMPLIANT







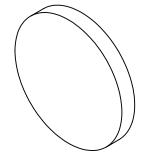
	Edmund	Optics®

	\$1	\$2			OD 0.7, Ø12.5mm ABSORPTIVE ND FILTER		
SHAPE	PLANO	PLANO	THIRD ANGLE PROJECTION	\bigcirc	TITLE	00 0.7, Ø12.3111117 (03 0 KT 11 V E 1 V D 1 T	LILIX
SURFACE QUALITY	80-50	80-50		 			CLIEFT
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED	ALL DIMS IN	mm	DWG NO	63458	SHEET 1 OF 1

1. SUBSTRATE: HOYA GLASS: ND-0.3

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

FOR INFORMATION ONLY: DO NOT MANUFACTURE PARTS TO THIS DRAWING

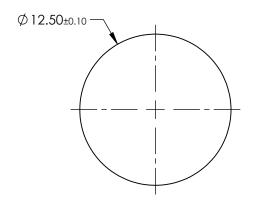


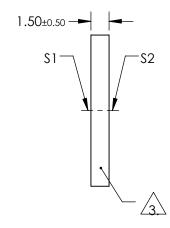
3. FINE GRIND SURFACE

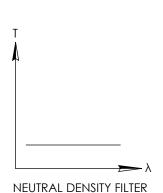
4. OPTICAL DENSITY: 1.3 ±0.1

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

6. ROHS COMPLIANT







	S1	\$2	1	1		OD 1.3, Ø12.5mm ABSORPTIVE ND FILTER	
SHAPE	PLANO	PLANO	THIRD ANGLE PROJECTION		TITLE	OD 1.0, Ø 12.0Hill / NBOOK! HVE ND HEIEK	
SURFACE QUALITY	80-50	80-50		1			CLIEFT
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED	ALL DIMS IN	mm	DWG NO	63459	SHEET 1 OF 1