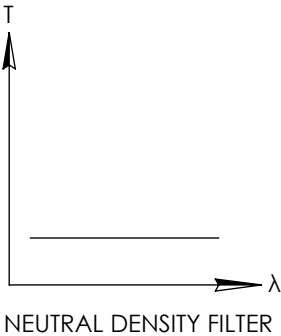
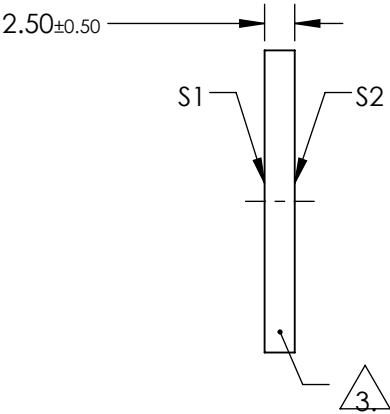
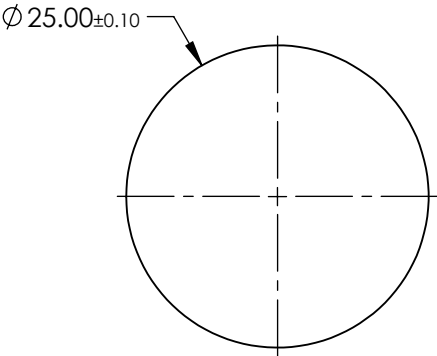
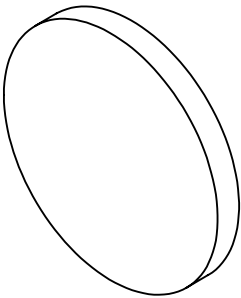


NOTES:

- 1. SUBSTRATE:  
HOYA GLASS: ND-70
- 2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN <0.02 mm
- 3. FINE GRIND SURFACE
- 4. OPTICAL DENSITY: 0.15 ±0.03
- 5. TRANSMISSION (%): 70 % AVERAGE FROM 400-700nm
- 6. ROHS COMPLIANT

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



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DIMENSIONS ARE FOR REFERENCE ONLY

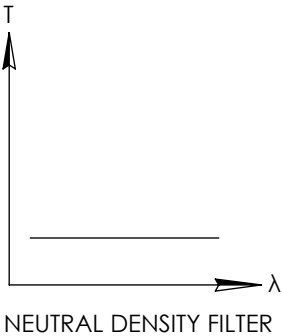
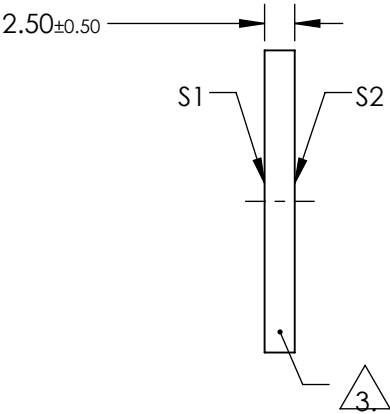
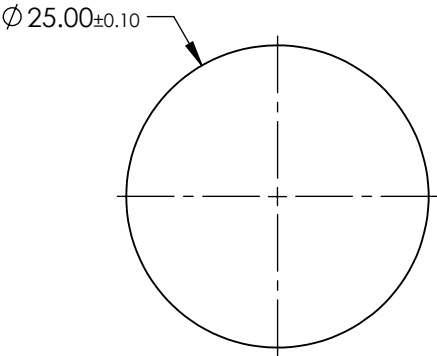
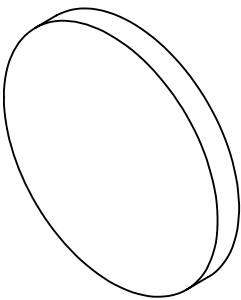
**Edmund Optics®**

	S1	S2	THIRD ANGLE PROJECTION				TITLE		OD 0.15, Ø25mm ABSORPTIVE ND FILTER	
SHAPE	PLANO	PLANO								
SURFACE QUALITY	80-50	80-50	ALL DIMS IN mm				DWG NO		46211	
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED								
									SHEET 1 OF 1	

NOTES:

- 1. SUBSTRATE:  
HOYA GLASS: ND-50
- 2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN <0.02 mm
- 3. FINE GRIND SURFACE
- 4. OPTICAL DENSITY: 0.3 ±0.05
- 5. TRANSMISSION (%): 50 % AVERAGE FROM 400-700nm
- 6. ROHS COMPLIANT

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PARTS TO THIS DRAWING**



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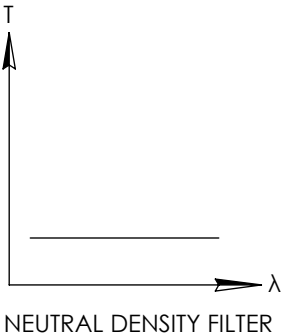
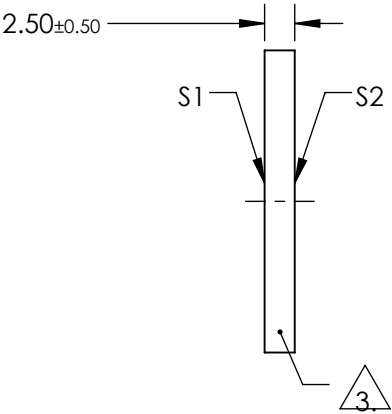
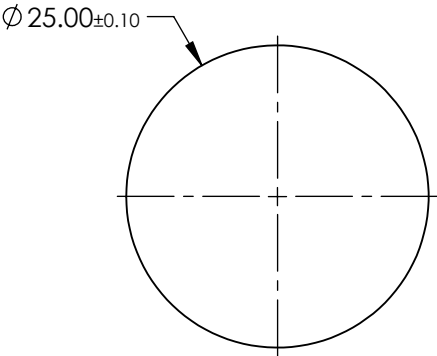
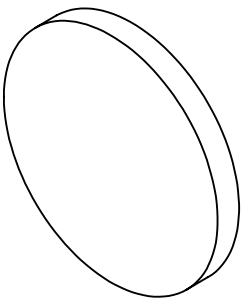
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	S1	S2	THIRD ANGLE PROJECTION				TITLE		OD 0.3, Ø25mm ABSORPTIVE ND FILTER	
SHAPE	PLANO	PLANO								
SURFACE QUALITY	80-50	80-50	ALL DIMS IN				DWG NO		46212	
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED								
			mm						SHEET 1 OF 1	

NOTES:

- 1. SUBSTRATE:  
HOYA GLASS: ND-40
- 2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN <0.02 mm
- 3. FINE GRIND SURFACE
- 4. OPTICAL DENSITY: 0.4 ±0.05
- 5. TRANSMISSION (%): 40 % AVERAGE FROM 400-700nm
- 6. ROHS COMPLIANT

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PARTS TO THIS DRAWING**



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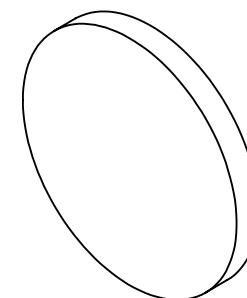
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	S1	S2	THIRD ANGLE PROJECTION				TITLE	
SHAPE	PLANO	PLANO					OD 0.4, Ø25mm ABSORPTIVE ND FILTER	
SURFACE QUALITY	80-50	80-50	ALL DIMS IN				DWG NO	
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED	mm				46213	SHEET 1 OF 1

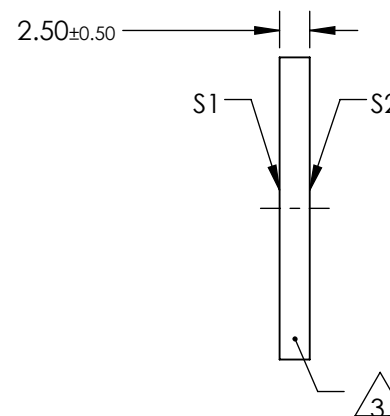
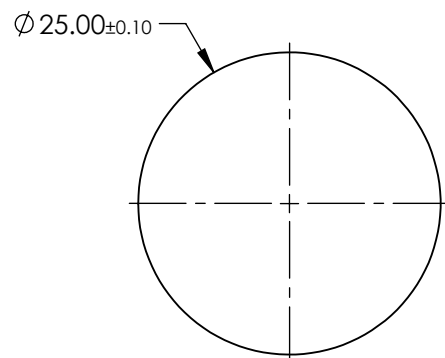
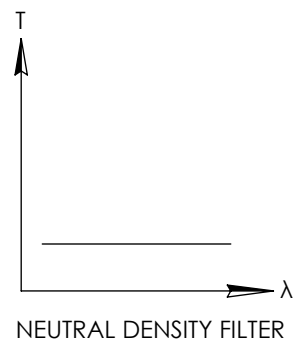
NOTES:

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:  $0.6 \pm 0.05$
5. TRANSMISSION (%): 25 % AVERAGE FROM 400-700nm
6. ROHS COMPLIANT



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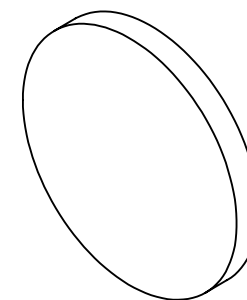


	S1	S2	<div>THIRD ANGLE PROJECTION</div> 		TITLE	OD 0.6, Ø25mm ABSORPTIVE ND FILTER	
SHAPE	PLANO	PLANO					
SURFACE QUALITY	80-50	80-50					
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED	ALL DIMS IN	mm	DWG NO	46214	SHEET 1 OF 1

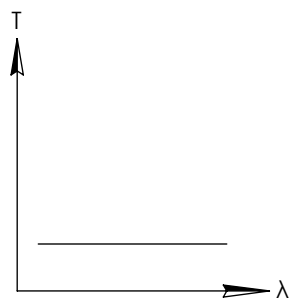
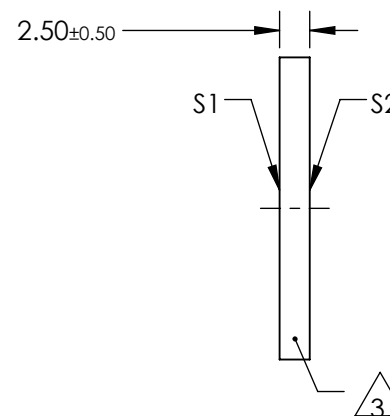
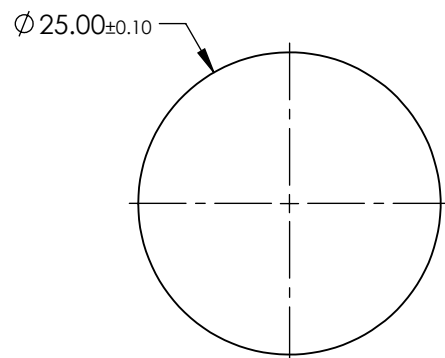
NOTES:

1. SUBSTRATE:  
HOYA GLASS: ND-13
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN <0.02 mm

**FOR INFORMATION ONLY:  
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PARTS TO THIS DRAWING**




3. FINE GRIND SURFACE
4. OPTICAL DENSITY:  $0.9 \pm 0.1$
5. TRANSMISSION (%): 12.5 % AVERAGE FROM 400-700nm
6. ROHS COMPLIANT



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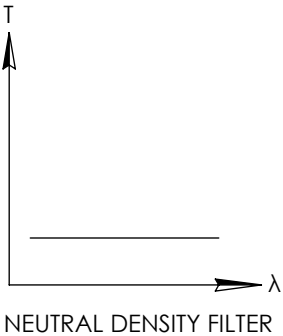
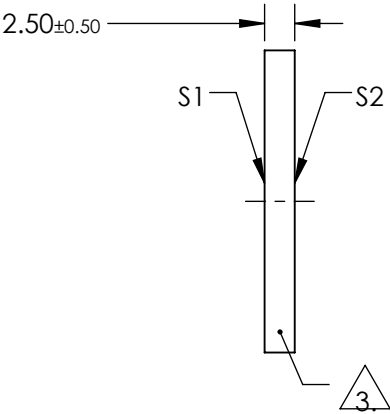
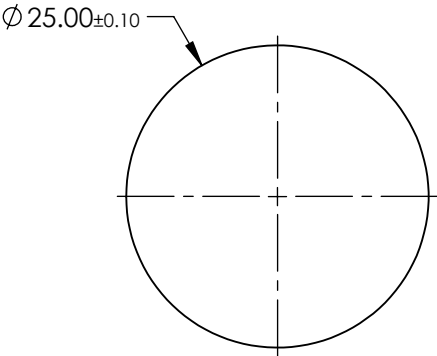
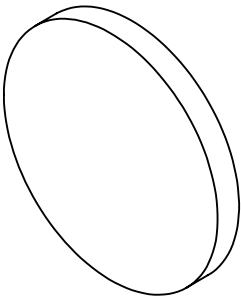
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	S1	S2	THIRD ANGLE PROJECTION 		TITLE	OD 0.9, Ø25mm ABSORPTIVE ND FILTER	
SHAPE	PLANO	PLANO					
SURFACE QUALITY	80-50	80-50					
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED	ALL DIMS IN	mm	DWG NO	46215	SHEET 1 OF 1

NOTES:

- 1. SUBSTRATE:  
HOYA GLASS: ND-0.3
- 2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN <0.02 mm
- 3. FINE GRIND SURFACE
- 4. OPTICAL DENSITY: 2.5 ±0.05
- 5. TRANSMISSION (%): 0.3 % AVERAGE FROM 400-700nm
- 6. ROHS COMPLIANT

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PARTS TO THIS DRAWING**



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	S1	S2	THIRD ANGLE PROJECTION				TITLE	
SHAPE	PLANO	PLANO					OD 2.5, Ø25mm ABSORPTIVE ND FILTER	
SURFACE QUALITY	80-50	80-50	ALL DIMS IN				DWG NO	SHEET
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED	mm				46216	1 OF 1