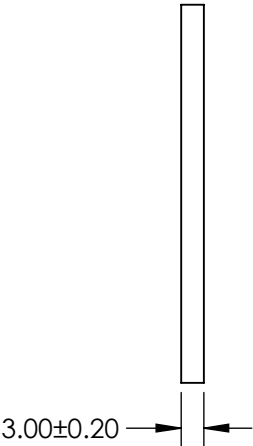
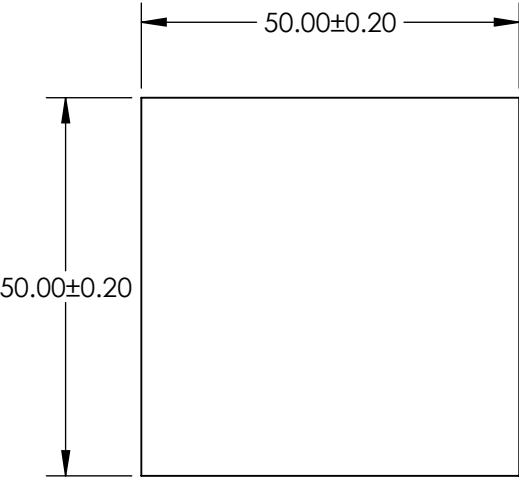


NOTES:

- 1. SUBSTRATE: SCHOTT N-WG280
- 2. SURFACE S2 TO BE PARALLEL TO SURFACE S1 TO WITHIN 1 ARCMIN

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



SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE  
DIMENSIONS ARE FOR REFERENCE ONLY

	VALUE
SHAPE	PLANO
CUT-ON WAVELENGTH (nm)	280 ±6
PASSBAND LIMIT 1 (nm)	380
STOPBAND LIMIT (nm)	230
SURFACE QUALITY	60-40
CLEAR APERTURE	48.50 x 48.50
BEVEL MAX FACE	PROTECTIVE AS NEEDED

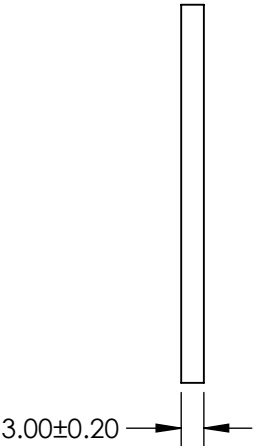
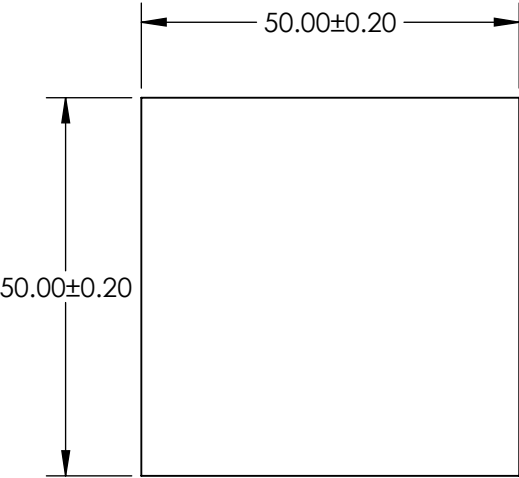
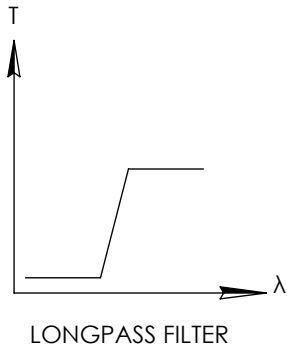
**EO<sup>®</sup> Edmund Optics<sup>®</sup>**

THIRD ANGLE PROJECTION 		TITLE	SCHOTT N-WG280 50 x 50mm COLORED LONGPASS FILTER, 3mm THK	
ALL DIMS IN	mm	DWG NO	14462	SHEET 1 OF 1

NOTES:

- 1. SUBSTRATE: SCHOTT N-WG295
- 2. SURFACE S2 TO BE PARALLEL TO SURFACE S1 TO WITHIN 1 ARCMIN

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



SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE  
DIMENSIONS ARE FOR REFERENCE ONLY

	VALUE
SHAPE	PLANO
CUT-ON WAVELENGTH (nm)	295 ±6
PASSBAND LIMIT 1 (nm)	400
STOPBAND LIMIT (nm)	250
SURFACE QUALITY	60-40
CLEAR APERTURE	48.50 x 48.50
BEVEL MAX FACE	PROTECTIVE AS NEEDED

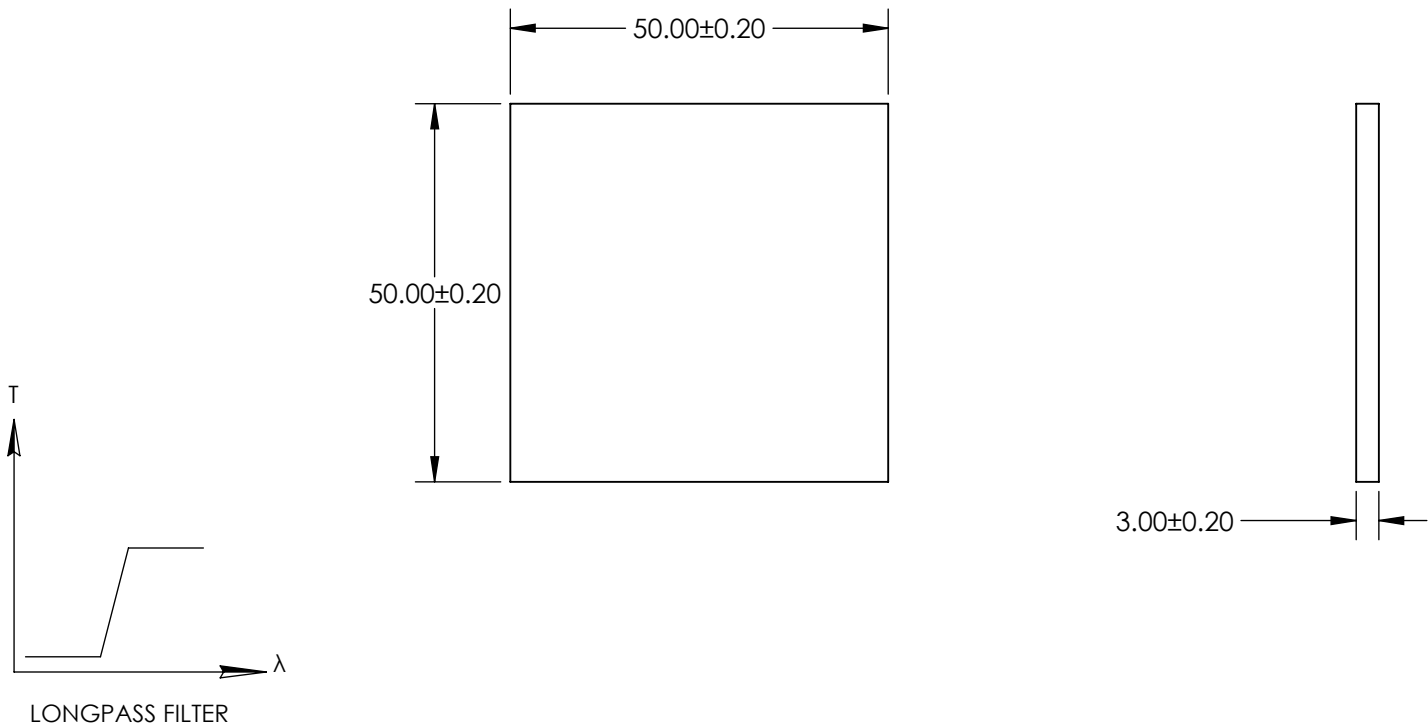
**Edmund Optics®**

THIRD ANGLE PROJECTION		TITLE	SCHOTT N-WG295 50 x 50mm COLORED LONGPASS FILTER, 3mm THK	
ALL DIMS IN	mm	DWG NO	14465	SHEET 1 OF 1

NOTES:

- 1. SUBSTRATE: SCHOTT N-WG305
- 2. SURFACE S2 TO BE PARALLEL TO SURFACE S1 TO WITHIN 1 ARCMIN

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



	VALUE
SHAPE	PLANO
CUT-ON WAVELENGTH (nm)	305 ±6
PASSBAND LIMIT 1 (nm)	420
STOPBAND LIMIT (nm)	260
SURFACE QUALITY	60-40
CLEAR APERTURE	48.50 x 48.50
BEVEL MAX FACE	PROTECTIVE AS NEEDED

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE  
DIMENSIONS ARE FOR REFERENCE ONLY

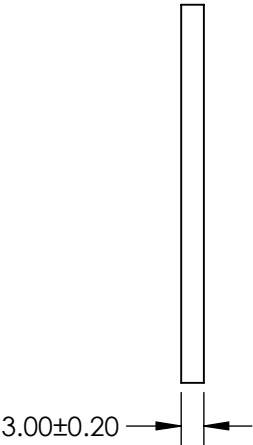
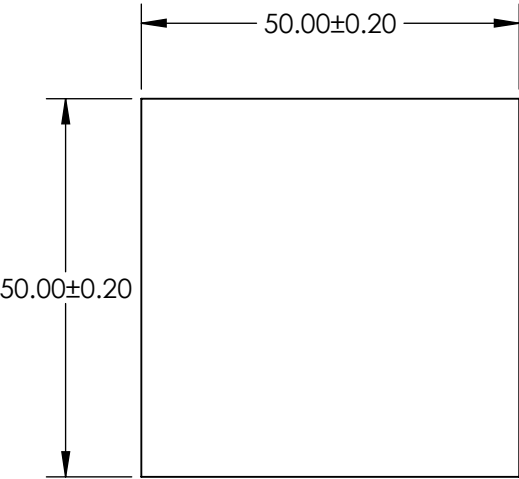
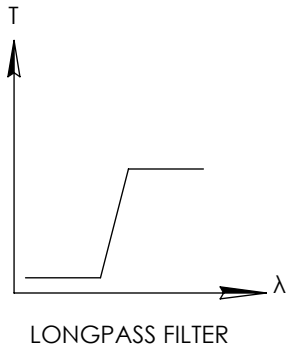
**EO<sup>®</sup> Edmund Optics<sup>®</sup>**

THIRD ANGLE PROJECTION		TITLE	SCHOTT N-WG305 50 x 50mm COLORED LONGPASS FILTER, 3mm THK		
		DWG NO	14468	SHEET 1 OF 1	

NOTES:

- 1. SUBSTRATE: SCHOTT N-WG320
- 2. SURFACE S2 TO BE PARALLEL TO SURFACE S1 TO WITHIN 1 ARCMIN

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




SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE  
DIMENSIONS ARE FOR REFERENCE ONLY

	VALUE
SHAPE	PLANO
CUT-ON WAVELENGTH (nm)	320 ±6
PASSBAND LIMIT 1 (nm)	470
STOPBAND LIMIT (nm)	280
SURFACE QUALITY	60-40
CLEAR APERTURE	48.50 x 48.50
BEVEL MAX FACE	PROTECTIVE AS NEEDED

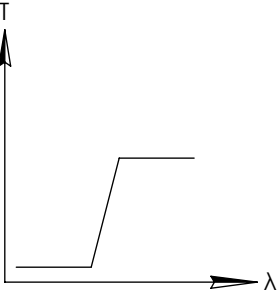
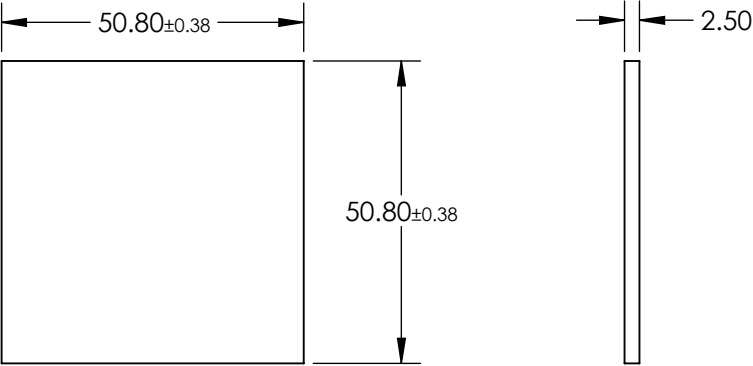
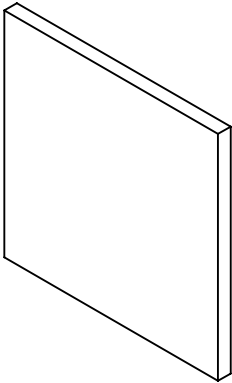
THIRD ANGLE  
PROJECTION

ALL DIMS IN      mm

 **Edmund Optics®**

TITLE	SCHOTT N-WG320 50 x 50mm COLORED LONGPASS FILTER, 3mm THK		
DWG NO	14471	SHEET 1 OF 1	

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



LONGPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE  
DIMENSIONS ARE FOR REFERENCE ONLY

REV. A	VALUE
SHAPE	PLANO
SPECTRAL TRANSMITTANCE $\tau_p(\%)$	93
PASSBAND LIMIT $\lambda_p1$ (nm)	400
CUT-OFF POSITION $\lambda_c$ (nm)	370±6
STOPBAND LIMIT $\lambda_s$ (nm)	323
WAVELENGTH	UV
BEVEL	PROTECTIVE AS NEEDED



ALL DIMS IN

mm

TITLE

50.8 x 50.8mm, HOYA L-37 LONGPASS FILTER

DWG NO

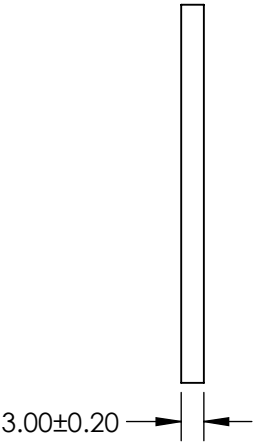
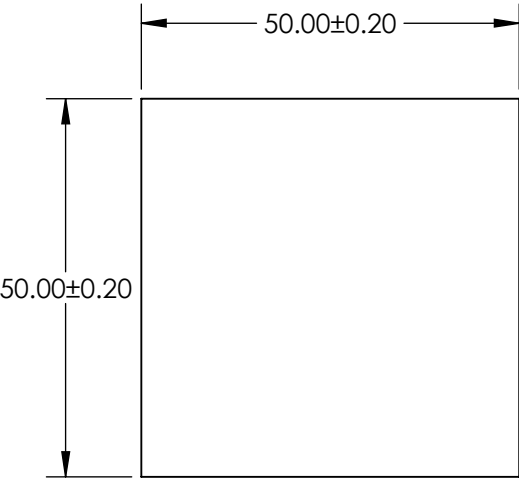
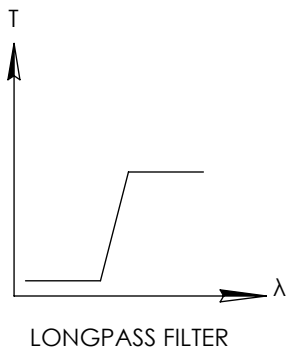
66060

SHEET  
1 OF 1

NOTES:

- 1. SUBSTRATE: SCHOTT GG395
- 2. SURFACE S2 TO BE PARALLEL TO SURFACE S1 TO WITHIN 1 ARCMIN

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



SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE  
DIMENSIONS ARE FOR REFERENCE ONLY

	VALUE
SHAPE	PLANO
CUT-ON WAVELENGTH (nm)	395 ±6
PASSBAND LIMIT 1 (nm)	480
STOPBAND LIMIT (nm)	340
SURFACE QUALITY	60-40
CLEAR APERTURE	48.50 x 48.50
BEVEL MAX FACE	PROTECTIVE AS NEEDED

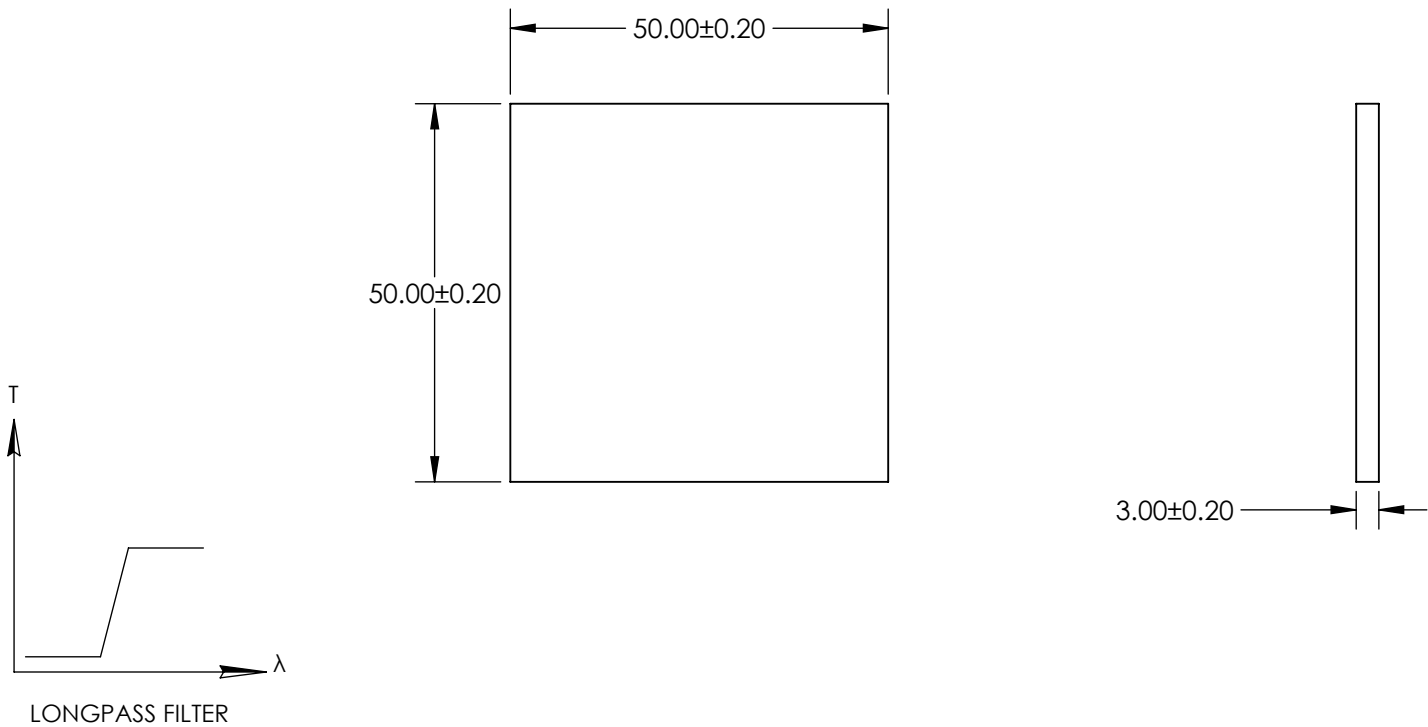
**Edmund Optics®**

THIRD ANGLE PROJECTION		TITLE	SCHOTT GG395 50 x 50mm COLORED LONGPASS FILTER, 3mm THK	
ALL DIMS IN	mm	DWG NO	14474	SHEET 1 OF 1

NOTES:

- 1. SUBSTRATE: SCHOTT GG400
- 2. SURFACE S2 TO BE PARALLEL TO SURFACE S1 TO WITHIN 1 ARCMIN

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



	VALUE
SHAPE	PLANO
CUT-ON WAVELENGTH (nm)	400 ±6
PASSBAND LIMIT 1 (nm)	480
STOPBAND LIMIT (nm)	340
SURFACE QUALITY	60-40
CLEAR APERTURE	48.50 x 48.50
BEVEL MAX FACE	PROTECTIVE AS NEEDED

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE  
DIMENSIONS ARE FOR REFERENCE ONLY

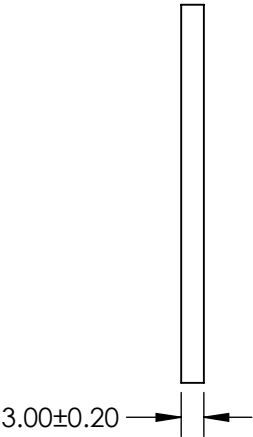
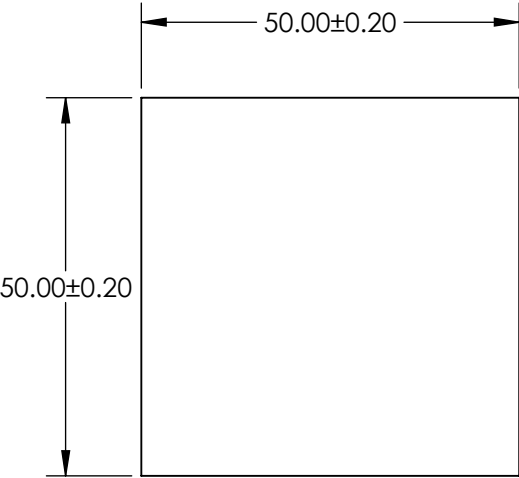
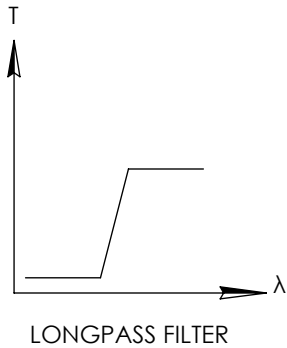


THIRD ANGLE PROJECTION 		TITLE	SCHOTT GG400 50 x 50mm COLORED LONGPASS FILTER, 3mm THK	
ALL DIMS IN	mm	DWG NO	14477	SHEET 1 OF 1

NOTES:

- 1. SUBSTRATE: SCHOTT GG420
- 2. SURFACE S2 TO BE PARALLEL TO SURFACE S1 TO WITHIN 1 ARCMIN

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



SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE  
DIMENSIONS ARE FOR REFERENCE ONLY

	VALUE
SHAPE	PLANO
CUT-ON WAVELENGTH (nm)	420 ±6
PASSBAND LIMIT 1 (nm)	530
STOPBAND LIMIT (nm)	360
SURFACE QUALITY	60-40
CLEAR APERTURE	48.50 x 48.50
BEVEL MAX FACE	PROTECTIVE AS NEEDED



ALL DIMS IN

mm



Edmund Optics®

TITLE

SCHOTT GG420 50 x 50mm COLORED  
LONGPASS FILTER, 3mm THK

DWG NO

14480

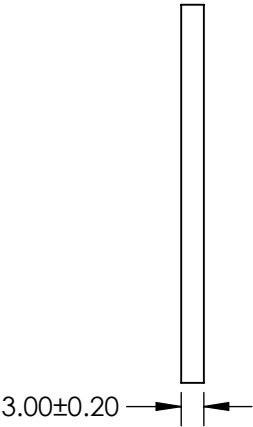
SHEET  
1 OF 1



NOTES:

- 1. SUBSTRATE: SCHOTT GG435
- 2. SURFACE S2 TO BE PARALLEL TO SURFACE S1 TO WITHIN 1 ARCMIN

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




SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE  
DIMENSIONS ARE FOR REFERENCE ONLY

	VALUE
SHAPE	PLANO
CUT-ON WAVELENGTH (nm)	435 ±6
PASSBAND LIMIT 1 (nm)	520
STOPBAND LIMIT (nm)	370
SURFACE QUALITY	60-40
CLEAR APERTURE	48.50 x 48.50
BEVEL MAX FACE	PROTECTIVE AS NEEDED

THIRD ANGLE  
PROJECTION

ALL DIMS IN

mm

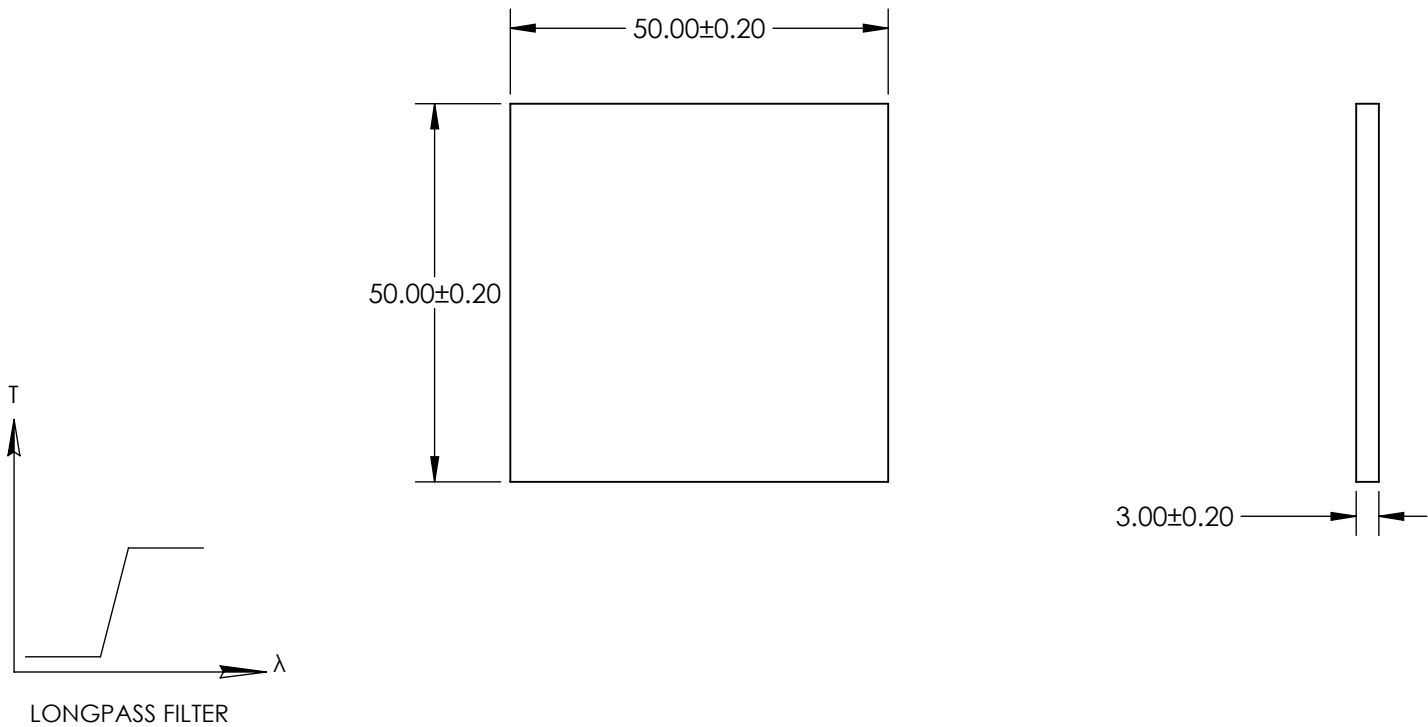
 **Edmund Optics®**

TITLE	SCHOTT GG435 50 x 50mm COLORED LONGPASS FILTER, 3mm THK		
DWG NO	14483	SHEET 1 OF 1	

NOTES:

- 1. SUBSTRATE: SCHOTT GG455
- 2. SURFACE S2 TO BE PARALLEL TO SURFACE S1 TO WITHIN 1 ARCMIN

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



	VALUE
SHAPE	PLANO
CUT-ON WAVELENGTH (nm)	455 ±6
PASSBAND LIMIT 1 (nm)	530
STOPBAND LIMIT (nm)	390
SURFACE QUALITY	60-40
CLEAR APERTURE	48.50 x 48.50
BEVEL MAX FACE	PROTECTIVE AS NEEDED

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE  
DIMENSIONS ARE FOR REFERENCE ONLY

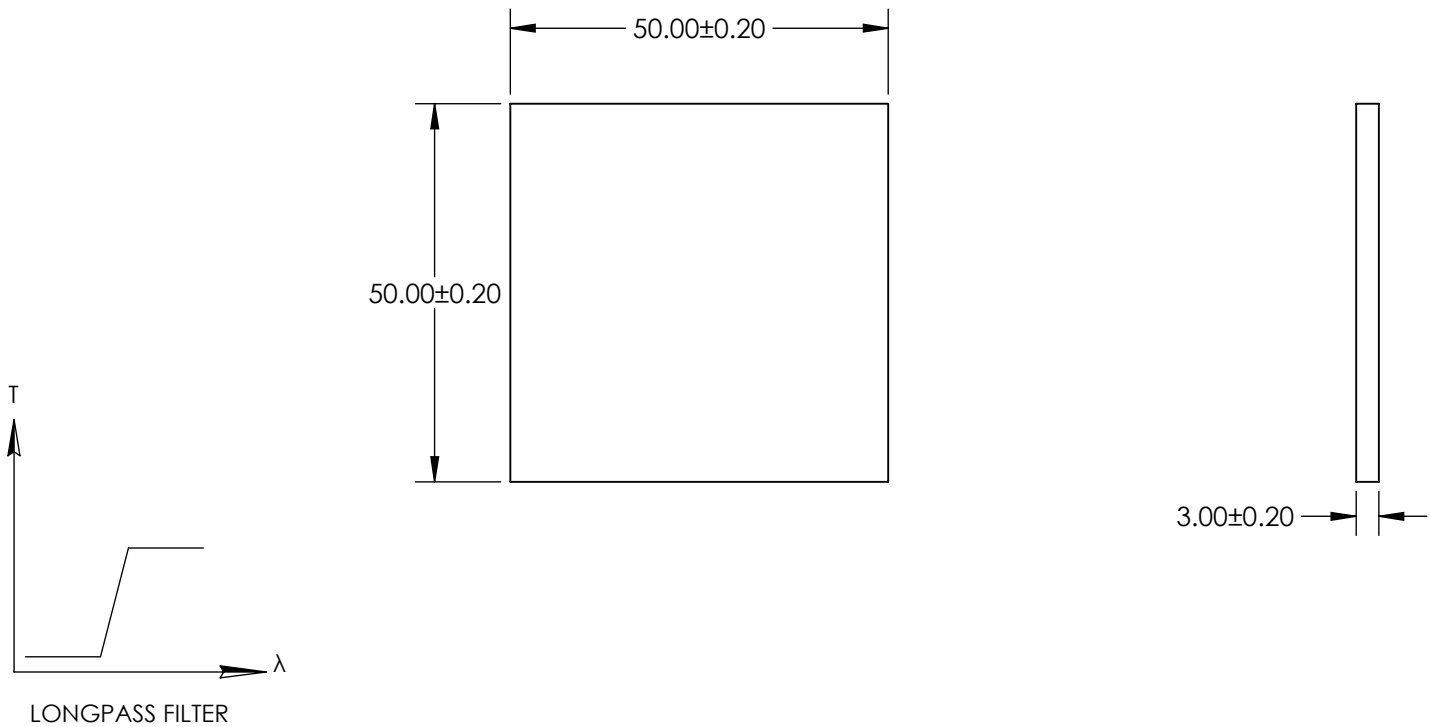


THIRD ANGLE PROJECTION		TITLE	SCHOTT GG455 50 x 50mm COLORED LONGPASS FILTER, 3mm THK	
ALL DIMS IN	mm	DWG NO	14486	SHEET 1 OF 1

NOTES:

- 1. SUBSTRATE: SCHOTT GG475
- 2. SURFACE S2 TO BE PARALLEL TO SURFACE S1 TO WITHIN 1 ARCMIN

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



	VALUE
SHAPE	PLANO
CUT-ON WAVELENGTH (nm)	475 ±6
PASSBAND LIMIT 1 (nm)	550
STOPBAND LIMIT (nm)	410
SURFACE QUALITY	60-40
CLEAR APERTURE	48.50 x 48.50
BEVEL MAX FACE	PROTECTIVE AS NEEDED

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE  
DIMENSIONS ARE FOR REFERENCE ONLY

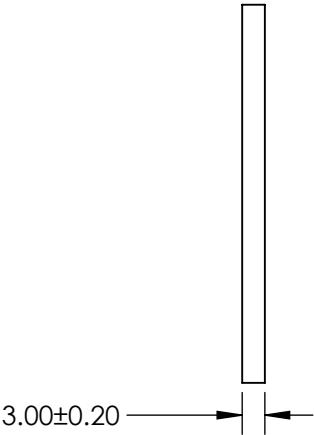
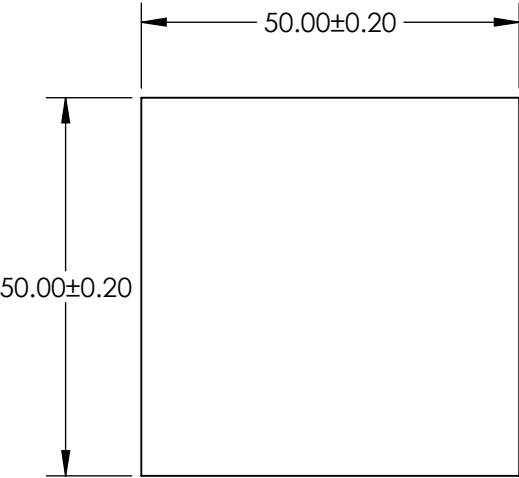
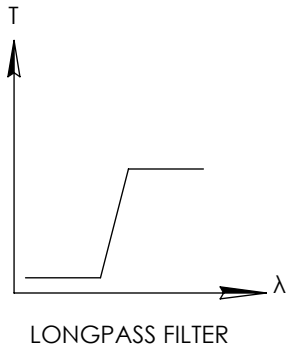


THIRD ANGLE PROJECTION		TITLE	SCHOTT GG475 50 x 50mm COLORED LONGPASS FILTER, 3mm THK		
		DWG NO	14489	SHEET	1 OF 1

NOTES:

- 1. SUBSTRATE: SCHOTT GG495
- 2. SURFACE S2 TO BE PARALLEL TO SURFACE S1 TO WITHIN 1 ARCMIN

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




SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE  
DIMENSIONS ARE FOR REFERENCE ONLY

	VALUE
SHAPE	PLANO
CUT-ON WAVELENGTH (nm)	495 ±6
PASSBAND LIMIT 1 (nm)	560
STOPBAND LIMIT (nm)	430
SURFACE QUALITY	60-40
CLEAR APERTURE	48.50 x 48.50
BEVEL MAX FACE	PROTECTIVE AS NEEDED

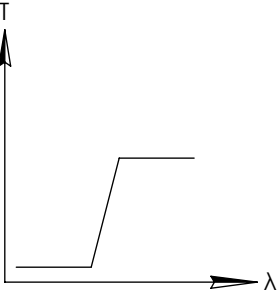
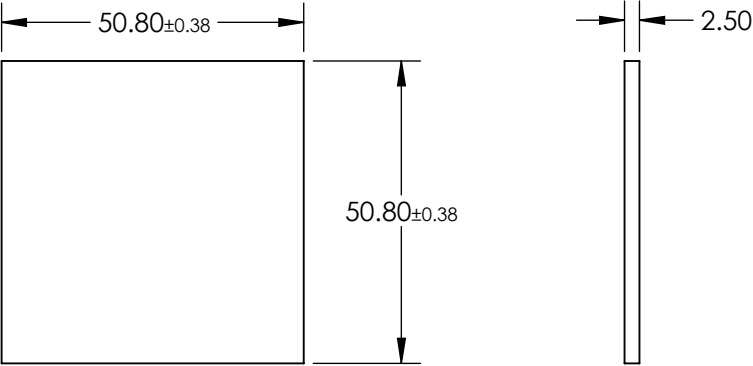
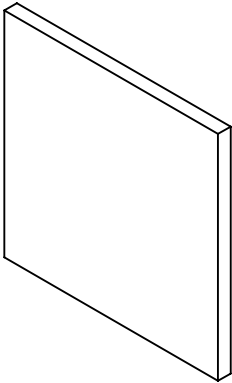
THIRD ANGLE  
PROJECTION

ALL DIMS IN mm

**Edmund Optics®**

TITLE	SCHOTT GG495 50 x 50mm COLORED LONGPASS FILTER, 3mm THK		
DWG NO	14492	SHEET 1 OF 1	

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



LONGPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE  
DIMENSIONS ARE FOR REFERENCE ONLY

REV. A	VALUE
SHAPE	PLANO
SPECTRAL TRANSMITTANCE $\tau_p(\%)$	92
PASSBAND LIMIT $\lambda_p$ (nm)	520
CUT-OFF POSITION $\lambda_c$ (nm)	500±6
STOPBAND LIMIT $\lambda_s$ (nm)	458
WAVELENGTH	VIS
BEVEL	PROTECTIVE AS NEEDED



TITLE	50.8 x 50.8mm, HOYA Y-50 LONGPASS FILTER		
DWG NO	66061	SHEET	1 OF 1

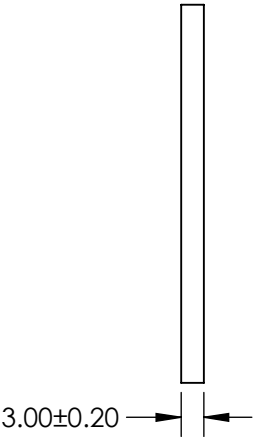
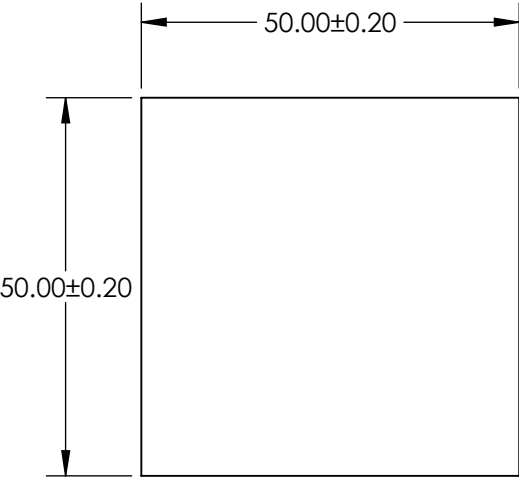
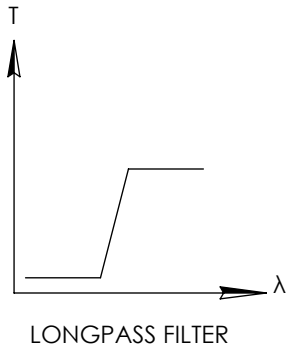
ALL DIMS IN

mm

NOTES:

- 1. SUBSTRATE: SCHOTT OG515
- 2. SURFACE S2 TO BE PARALLEL TO SURFACE S1 TO WITHIN 1 ARCMIN

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




SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE  
DIMENSIONS ARE FOR REFERENCE ONLY

	VALUE
SHAPE	PLANO
CUT-ON WAVELENGTH (nm)	515 ±6
PASSBAND LIMIT 1 (nm)	580
STOPBAND LIMIT (nm)	440
SURFACE QUALITY	60-40
CLEAR APERTURE	48.50 x 48.50
BEVEL MAX FACE	PROTECTIVE AS NEEDED

THIRD ANGLE  
PROJECTION

ALL DIMS IN      mm

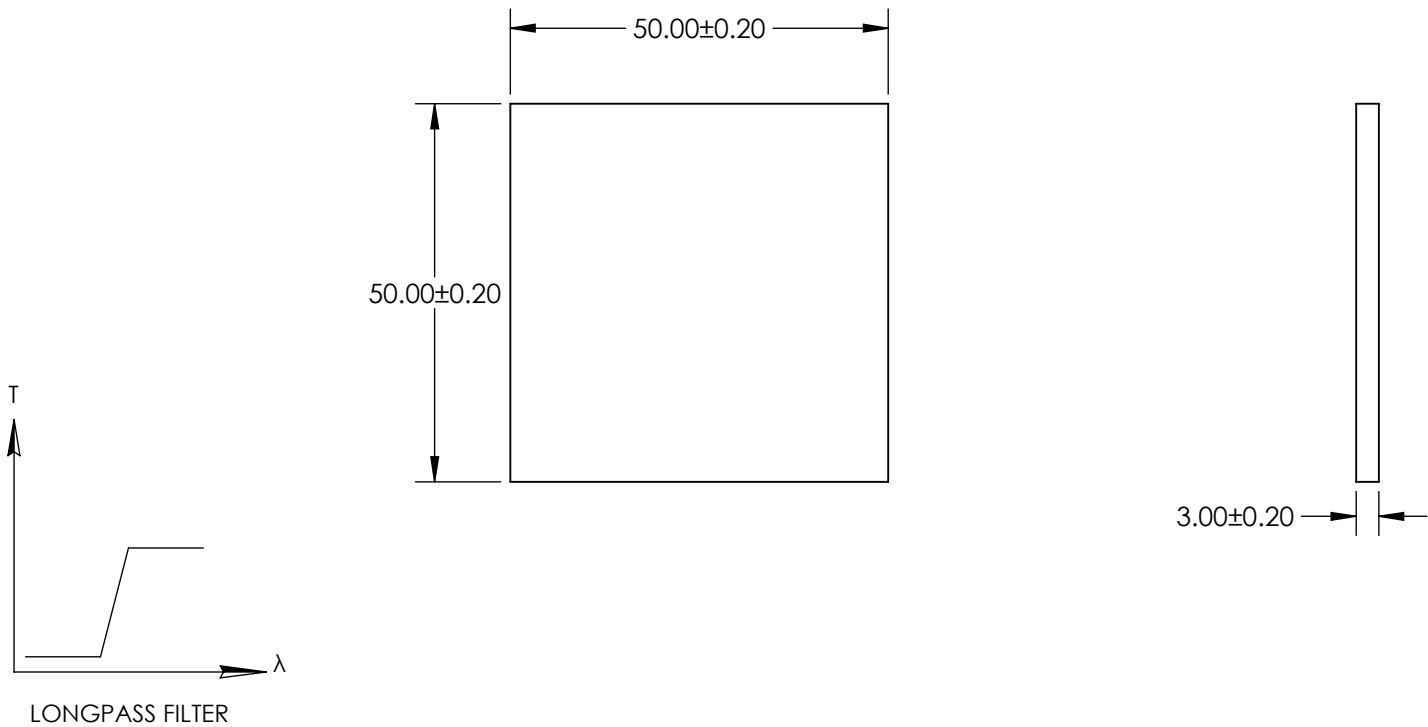
 **Edmund Optics®**

TITLE	SCHOTT OG515 50 x 50mm COLORED LONGPASS FILTER, 3mm THK		
DWG NO	14495	SHEET 1 OF 1	

NOTES:

- 1. SUBSTRATE: SCHOTT OG530
- 2. SURFACE S2 TO BE PARALLEL TO SURFACE S1 TO WITHIN 1 ARCMIN

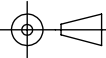
**FOR INFORMATION ONLY:  
DO NOT MANUFACTURE  
PARTS TO THIS DRAWING**



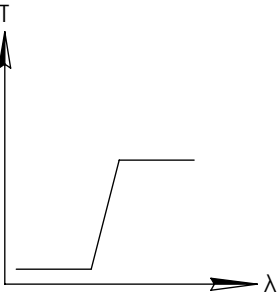
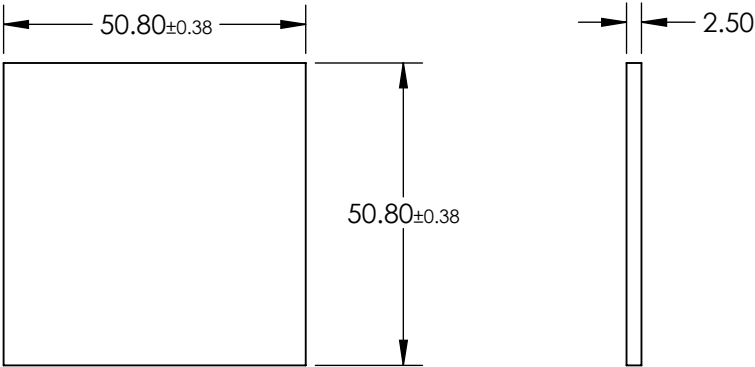
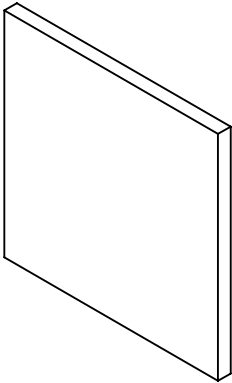
	VALUE
SHAPE	PLANO
CUT-ON WAVELENGTH (nm)	530 ±6
PASSBAND LIMIT 1 (nm)	600
STOPBAND LIMIT (nm)	460
SURFACE QUALITY	60-40
CLEAR APERTURE	48.50 x 48.50
BEVEL MAX FACE	PROTECTIVE AS NEEDED

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE  
DIMENSIONS ARE FOR REFERENCE ONLY



THIRD ANGLE PROJECTION 		TITLE	SCHOTT OG530 50 x 50mm COLORED LONGPASS FILTER, 3mm THK	
ALL DIMS IN	mm	DWG NO	14498	SHEET 1 OF 1

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



LONGPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE  
DIMENSIONS ARE FOR REFERENCE ONLY

REV. A	VALUE
SHAPE	PLANO
SPECTRAL TRANSMITTANCE $\tau_p(\%)$	95
PASSBAND LIMIT $\lambda_p1$ (nm)	570
CUT-OFF POSITION $\lambda_c$ (nm)	540±6
STOPBAND LIMIT $\lambda_s$ (nm)	498
WAVELENGTH	VIS
BEVEL	PROTECTIVE AS NEEDED



ALL DIMS IN

mm

TITLE

50.8 x 50.8mm, HOYA O-54 LONGPASS FILTER

DWG NO

66062

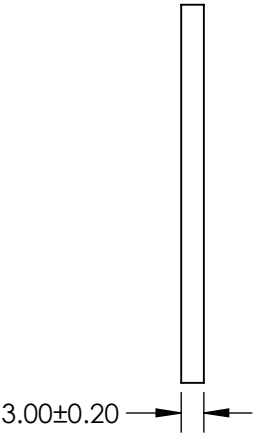
SHEET  
1 OF 1



NOTES:

- 1. SUBSTRATE: SCHOTT OG550
- 2. SURFACE S2 TO BE PARALLEL TO SURFACE S1 TO WITHIN 1 ARCMIN

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



SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE  
DIMENSIONS ARE FOR REFERENCE ONLY

	VALUE
SHAPE	PLANO
CUT-ON WAVELENGTH (nm)	550 ±6
PASSBAND LIMIT 1 (nm)	620
STOPBAND LIMIT (nm)	480
SURFACE QUALITY	60-40
CLEAR APERTURE	48.50 x 48.50
BEVEL MAX FACE	PROTECTIVE AS NEEDED



ALL DIMS IN

mm



**Edmund Optics®**

TITLE

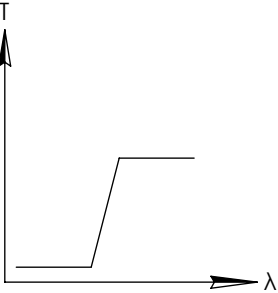
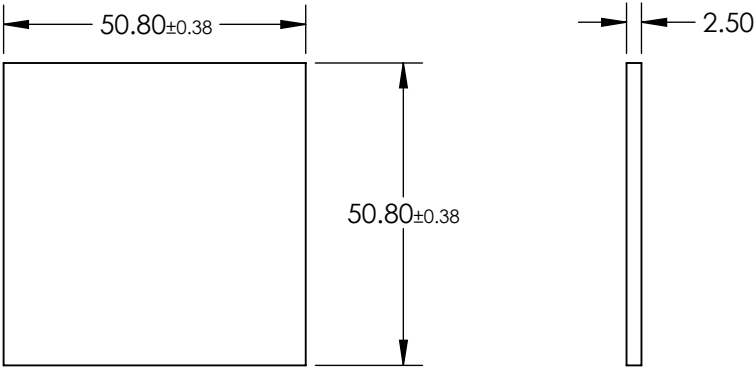
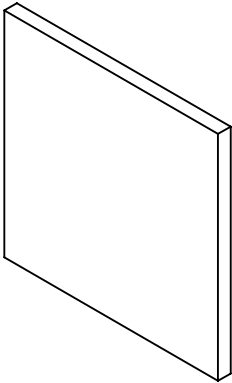
SCHOTT OG550 50 x 50mm COLORED  
LONGPASS FILTER, 3mm THK

DWG NO

14502

SHEET  
1 OF 1

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



LONGPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE  
DIMENSIONS ARE FOR REFERENCE ONLY

REV. A	VALUE
SHAPE	PLANO
SPECTRAL TRANSMITTANCE $\tau_p(\%)$	96
PASSBAND LIMIT $\lambda_p1$ (nm)	590
CUT-OFF POSITION $\lambda_c$ (nm)	560±6
STOPBAND LIMIT $\lambda_s$ (nm)	518
WAVELENGTH	VIS
BEVEL	PROTECTIVE AS NEEDED



TITLE	50.8 x 50.8mm, HOYA O-56 LONGPASS FILTER		
DWG NO	66063	SHEET 1 OF 1	

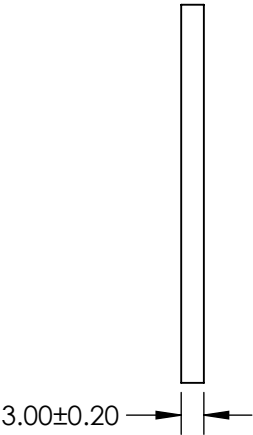
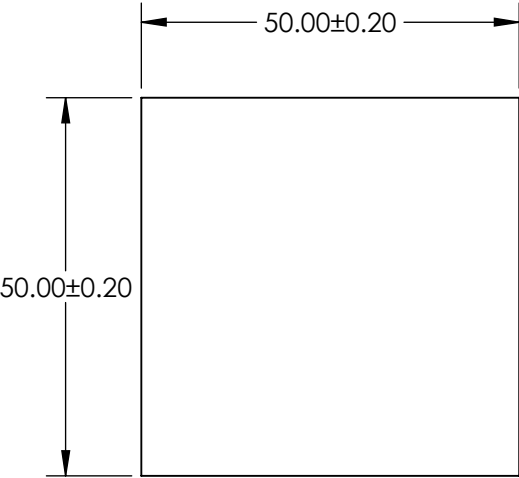
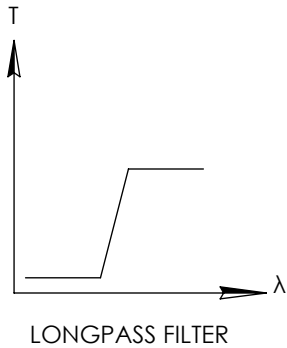
ALL DIMS IN

mm

NOTES:

- 1. SUBSTRATE: SCHOTT OG570
- 2. SURFACE S2 TO BE PARALLEL TO SURFACE S1 TO WITHIN 1 ARCMIN

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



SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE  
DIMENSIONS ARE FOR REFERENCE ONLY

	VALUE
SHAPE	PLANO
CUT-ON WAVELENGTH (nm)	570 ±6
PASSBAND LIMIT 1 (nm)	640
STOPBAND LIMIT (nm)	500
SURFACE QUALITY	60-40
CLEAR APERTURE	48.50 x 48.50
BEVEL MAX FACE	PROTECTIVE AS NEEDED



ALL DIMS IN

mm



Edmund Optics®

TITLE

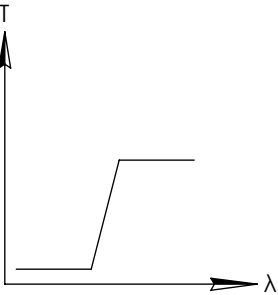
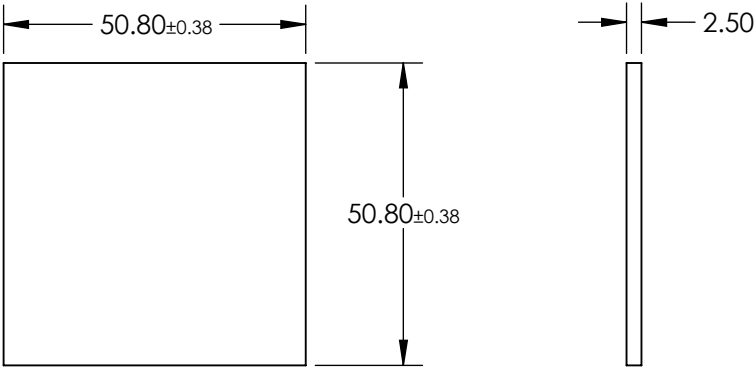
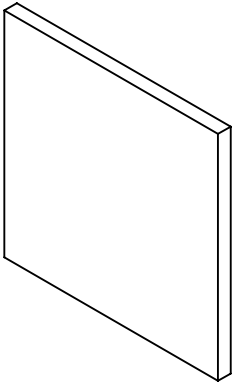
SCHOTT OG570 50 x 50mm COLORED  
LONGPASS FILTER, 3mm THK

DWG NO

14507

SHEET  
1 OF 1

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



LONGPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE  
DIMENSIONS ARE FOR REFERENCE ONLY

REV. A	VALUE
SHAPE	PLANO
SPECTRAL TRANSMITTANCE $\tau_p(\%)$	96
PASSBAND LIMIT $\lambda_p1$ (nm)	610
CUT-OFF POSITION $\lambda_c$ (nm)	580±6
STOPBAND LIMIT $\lambda_s$ (nm)	538
WAVELENGTH	VIS
BEVEL	PROTECTIVE AS NEEDED



ALL DIMS IN

mm

TITLE

50.8 x 50.8mm, HOYA O-58 LONGPASS FILTER

DWG NO

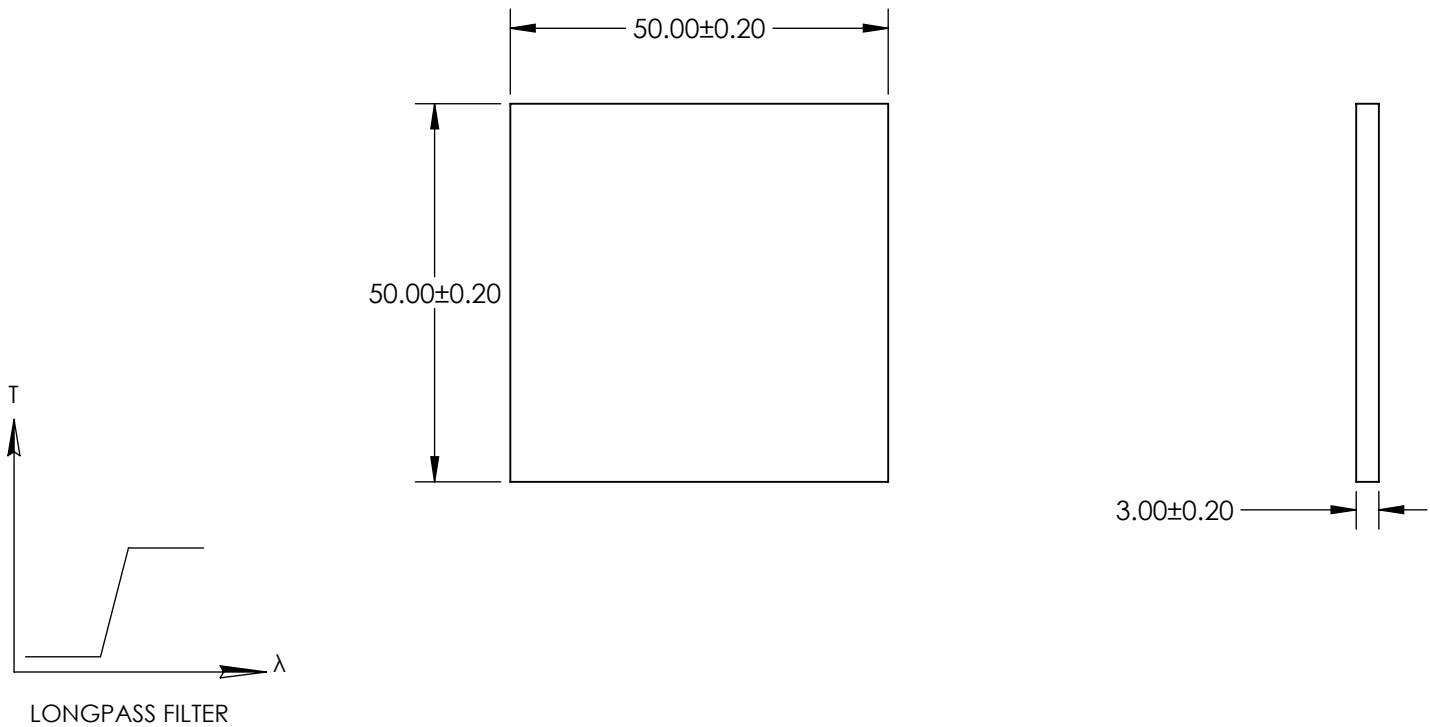
66064

SHEET  
1 OF 1

NOTES:

- 1. SUBSTRATE: SCHOTT OG590
- 2. SURFACE S2 TO BE PARALLEL TO SURFACE S1 TO WITHIN 1 ARCMIN

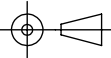
**FOR INFORMATION ONLY:  
DO NOT MANUFACTURE  
PARTS TO THIS DRAWING**



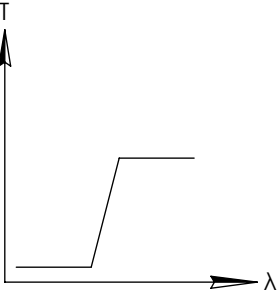
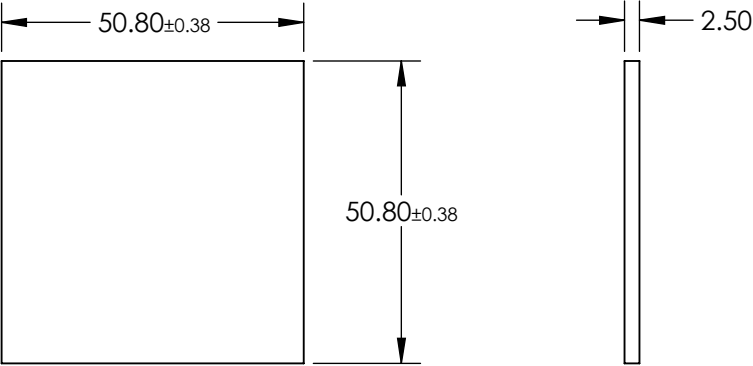
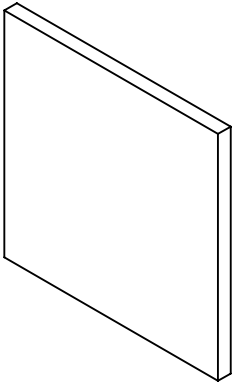
	VALUE
SHAPE	PLANO
CUT-ON WAVELENGTH (nm)	590 ±6
PASSBAND LIMIT 1 (nm)	660
STOPBAND LIMIT (nm)	510
SURFACE QUALITY	60-40
CLEAR APERTURE	48.50 x 48.50
BEVEL MAX FACE	PROTECTIVE AS NEEDED

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE  
DIMENSIONS ARE FOR REFERENCE ONLY



THIRD ANGLE PROJECTION 		TITLE	SCHOTT OG590 50 x 50mm COLORED LONGPASS FILTER, 3mm THK	
ALL DIMS IN	mm	DWG NO	14510	SHEET 1 OF 1

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



LONGPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE  
DIMENSIONS ARE FOR REFERENCE ONLY

REV. A	VALUE
SHAPE	PLANO
SPECTRAL TRANSMITTANCE $\tau_p(\%)$	93
PASSBAND LIMIT $\lambda_p1$ (nm)	620
CUT-OFF POSITION $\lambda_c$ (nm)	600±6
STOPBAND LIMIT $\lambda_s$ (nm)	558
WAVELENGTH	VIS
BEVEL	PROTECTIVE AS NEEDED

 **Edmund Optics®**



ALL DIMS IN

mm

TITLE

50.8 x 50.8mm, HOYA R-60 LONGPASS FILTER

DWG NO

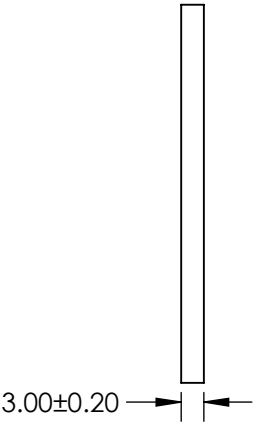
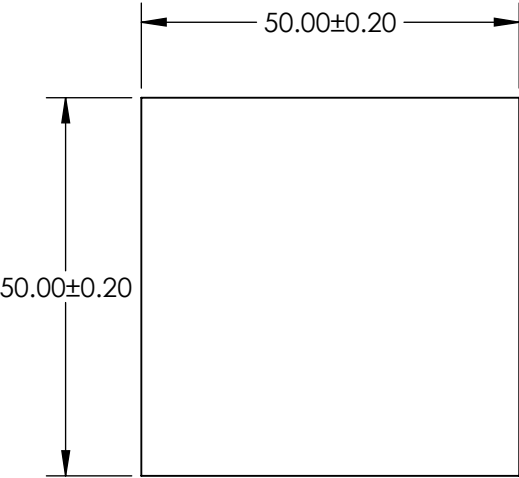
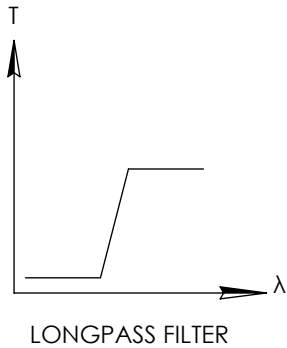
66065

SHEET  
1 OF 1

NOTES:

- 1. SUBSTRATE: SCHOTT RG610
- 2. SURFACE S2 TO BE PARALLEL TO SURFACE S1 TO WITHIN 1 ARCMIN

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




SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE  
DIMENSIONS ARE FOR REFERENCE ONLY

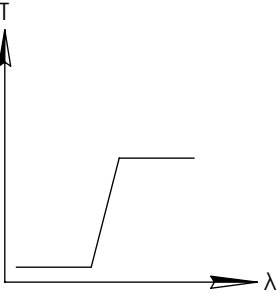
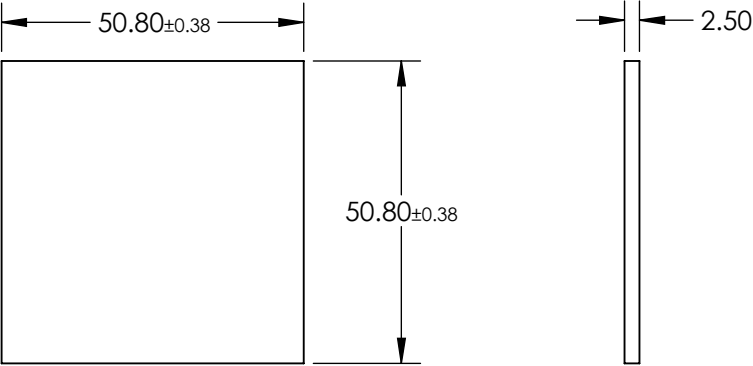
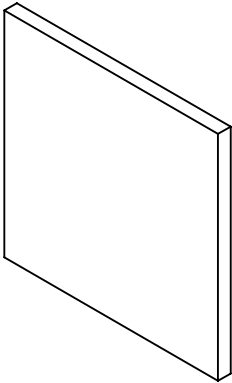
	VALUE
SHAPE	PLANO
CUT-ON WAVELENGTH (nm)	610 ±6
PASSBAND LIMIT 1 (nm)	690
STOPBAND LIMIT (nm)	530
SURFACE QUALITY	60-40
CLEAR APERTURE	48.50 x 48.50
BEVEL MAX FACE	PROTECTIVE AS NEEDED

THIRD ANGLE  
PROJECTION

ALL DIMS IN      mm

 <b>Edmund Optics®</b>			
TITLE	SCHOTT RG610 50 x 50mm COLORED LONGPASS FILTER, 3mm THK		
DWG NO	14513	SHEET 1 OF 1	

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



LONGPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE  
DIMENSIONS ARE FOR REFERENCE ONLY

REV. A	VALUE
SHAPE	PLANO
SPECTRAL TRANSMITTANCE $\tau_p(\%)$	96
PASSBAND LIMIT $\lambda_p1$ (nm)	650
CUT-OFF POSITION $\lambda_c$ (nm)	620±6
STOPBAND LIMIT $\lambda_s$ (nm)	578
WAVELENGTH	VIS
BEVEL	PROTECTIVE AS NEEDED

 **Edmund Optics®**



ALL DIMS IN

mm

TITLE

50.8 x 50.8mm, HOYA R-62 LONGPASS FILTER

DWG NO

66066

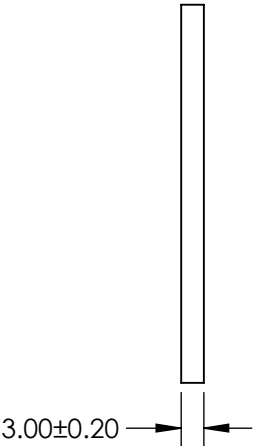
SHEET  
1 OF 1



NOTES:

- 1. SUBSTRATE: SCHOTT RG630
- 2. SURFACE S2 TO BE PARALLEL TO SURFACE S1 TO WITHIN 1 ARCMIN

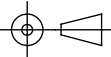
**FOR INFORMATION ONLY:  
DO NOT MANUFACTURE  
PARTS TO THIS DRAWING**



SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE  
DIMENSIONS ARE FOR REFERENCE ONLY

	VALUE
SHAPE	PLANO
CUT-ON WAVELENGTH (nm)	630 ±6
PASSBAND LIMIT 1 (nm)	710
STOPBAND LIMIT (nm)	540
SURFACE QUALITY	60-40
CLEAR APERTURE	48.50 x 48.50
BEVEL MAX FACE	PROTECTIVE AS NEEDED

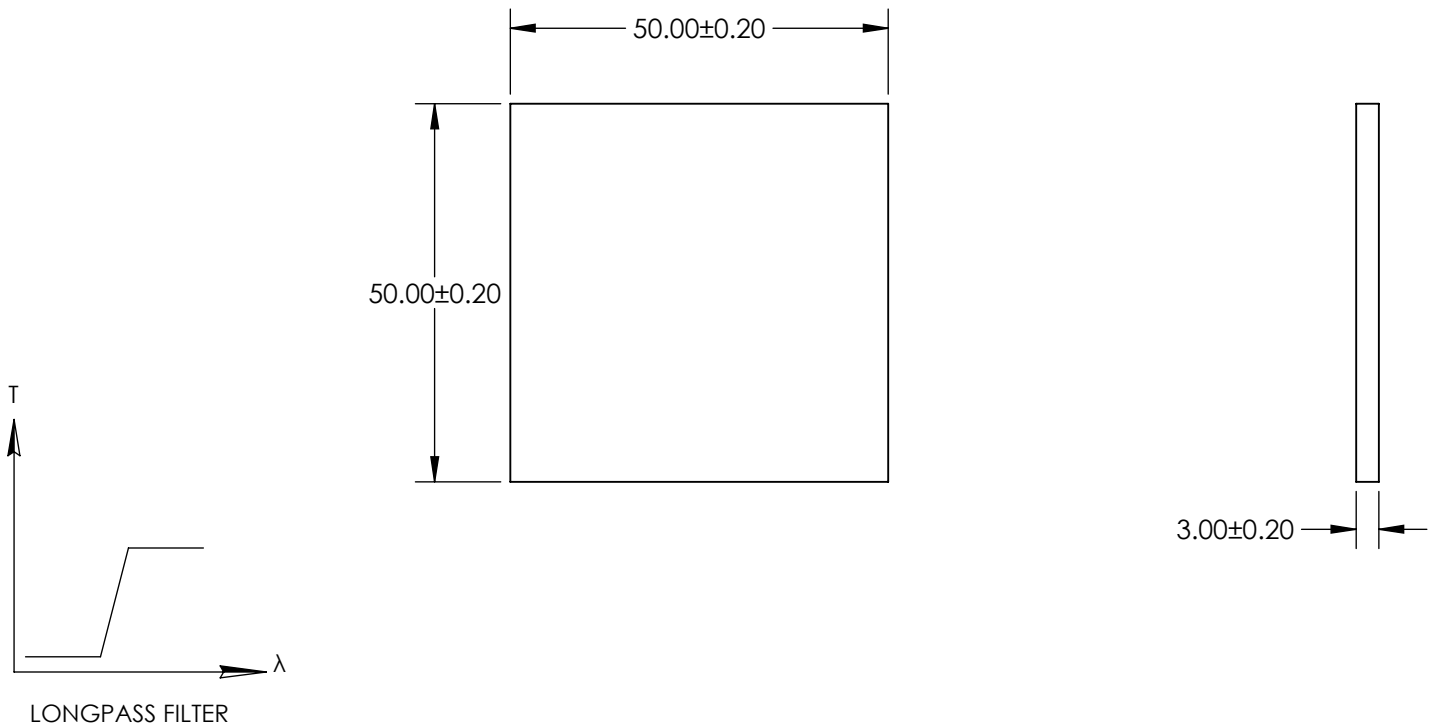


THIRD ANGLE PROJECTION 		TITLE	SCHOTT RG630 50 x 50mm COLORED LONGPASS FILTER, 3mm THK	
ALL DIMS IN	mm	DWG NO	14516	SHEET 1 OF 1

NOTES:

- 1. SUBSTRATE: SCHOTT RG645
- 2. SURFACE S2 TO BE PARALLEL TO SURFACE S1 TO WITHIN 1 ARCMIN

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



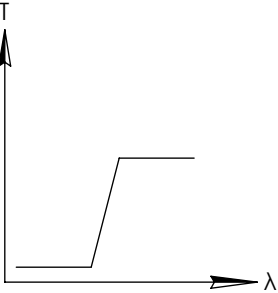
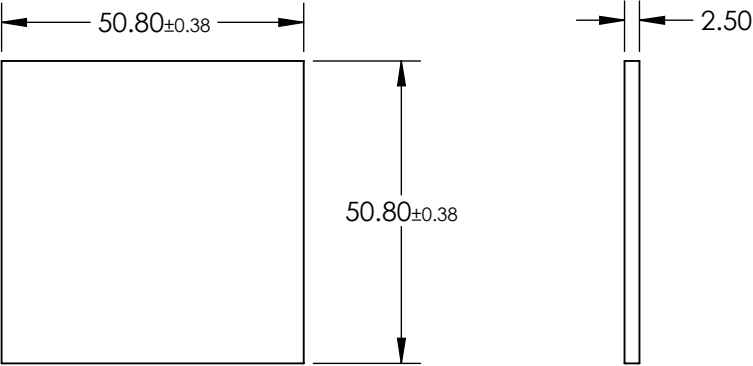
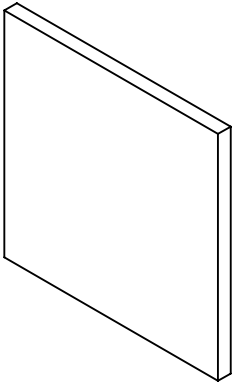
	VALUE
SHAPE	PLANO
CUT-ON WAVELENGTH (nm)	645 ±6
PASSBAND LIMIT 1 (nm)	720
STOPBAND LIMIT (nm)	560
SURFACE QUALITY	60-40
CLEAR APERTURE	48.50 x 48.50
BEVEL MAX FACE	PROTECTIVE AS NEEDED

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE  
DIMENSIONS ARE FOR REFERENCE ONLY



THIRD ANGLE PROJECTION 		TITLE	SCHOTT RG645 50 x 50mm COLORED LONGPASS FILTER, 3mm THK	
ALL DIMS IN	mm	DWG NO	14519	SHEET 1 OF 1

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



LONGPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE  
DIMENSIONS ARE FOR REFERENCE ONLY

REV. A	VALUE
SHAPE	PLANO
SPECTRAL TRANSMITTANCE $\tau_p(\%)$	94
PASSBAND LIMIT $\lambda_p1$ (nm)	680
CUT-OFF POSITION $\lambda_c$ (nm)	660±6
STOPBAND LIMIT $\lambda_s$ (nm)	613
WAVELENGTH	VIS
BEVEL	PROTECTIVE AS NEEDED



ALL DIMS IN

mm

TITLE

50.8 x 50.8mm, HOYA R-66 LONGPASS FILTER

DWG NO

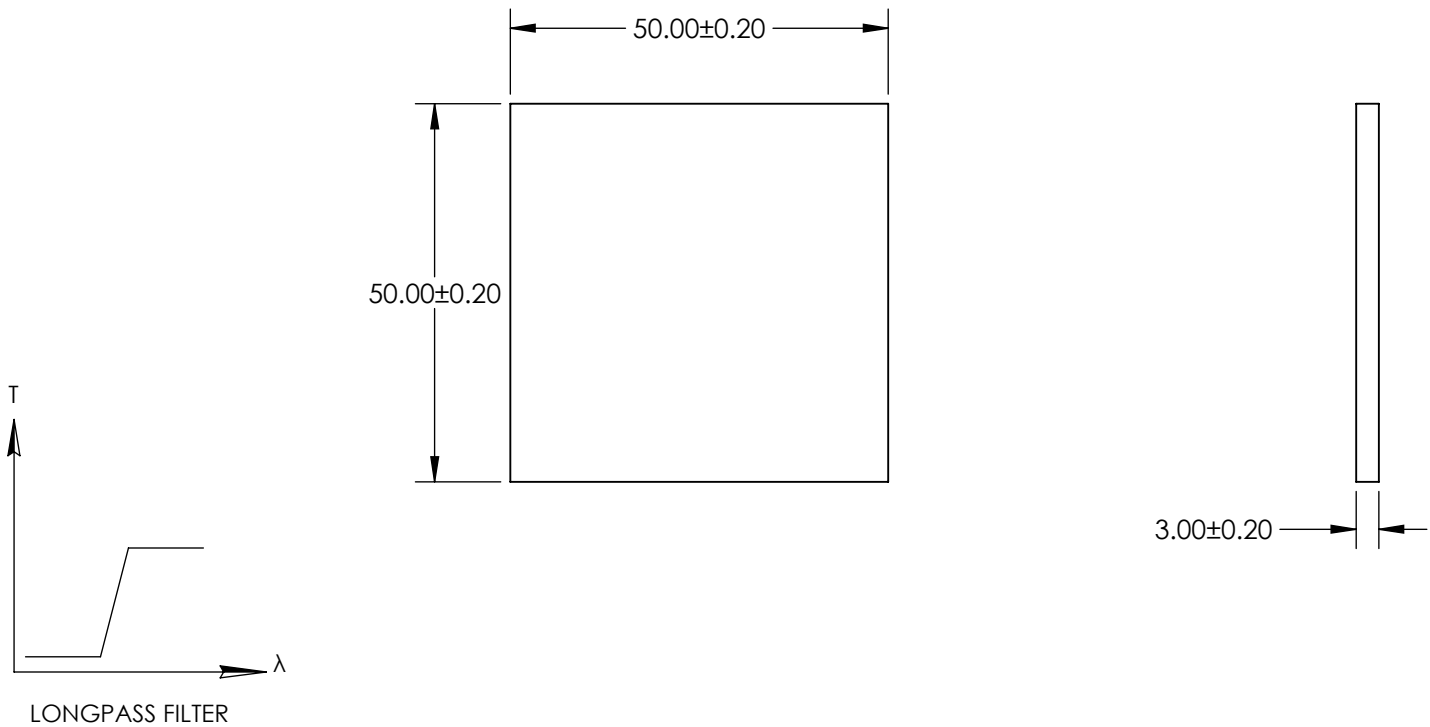
66067

SHEET  
1 OF 1

NOTES:

- 1. SUBSTRATE: SCHOTT RG665
- 2. SURFACE S2 TO BE PARALLEL TO SURFACE S1 TO WITHIN 1 ARCMIN

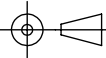
**FOR INFORMATION ONLY:  
DO NOT MANUFACTURE  
PARTS TO THIS DRAWING**



	VALUE
SHAPE	PLANO
CUT-ON WAVELENGTH (nm)	665 ±6
PASSBAND LIMIT 1 (nm)	750
STOPBAND LIMIT (nm)	580
SURFACE QUALITY	60-40
CLEAR APERTURE	48.50 x 48.50
BEVEL MAX FACE	PROTECTIVE AS NEEDED

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE  
DIMENSIONS ARE FOR REFERENCE ONLY

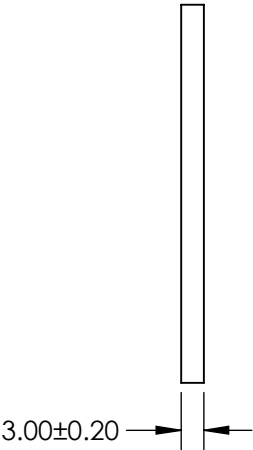
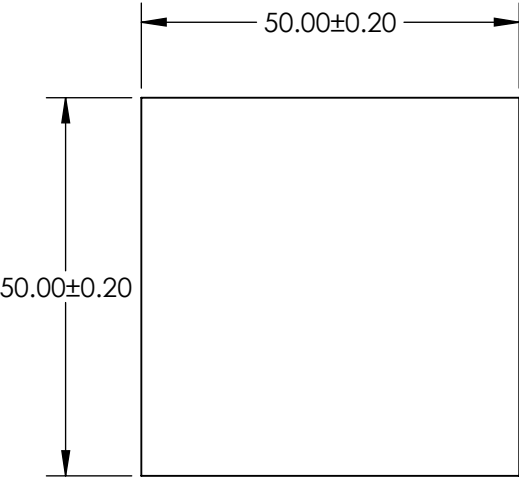
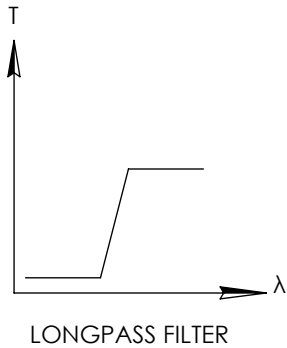


THIRD ANGLE PROJECTION 		TITLE	SCHOTT RG665 50 x 50mm COLORED LONGPASS FILTER, 3mm THK	
ALL DIMS IN	mm	DWG NO	14522	SHEET 1 OF 1

NOTES:

- 1. SUBSTRATE: SCHOTT RG695
- 2. SURFACE S2 TO BE PARALLEL TO SURFACE S1 TO WITHIN 1 ARCMIN

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




SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE  
DIMENSIONS ARE FOR REFERENCE ONLY

	VALUE
SHAPE	PLANO
CUT-ON WAVELENGTH (nm)	695 ±6
PASSBAND LIMIT 1 (nm)	780
STOPBAND LIMIT (nm)	610
SURFACE QUALITY	60-40
CLEAR APERTURE	48.50 x 48.50
BEVEL MAX FACE	PROTECTIVE AS NEEDED

THIRD ANGLE  
PROJECTION

ALL DIMS IN

mm

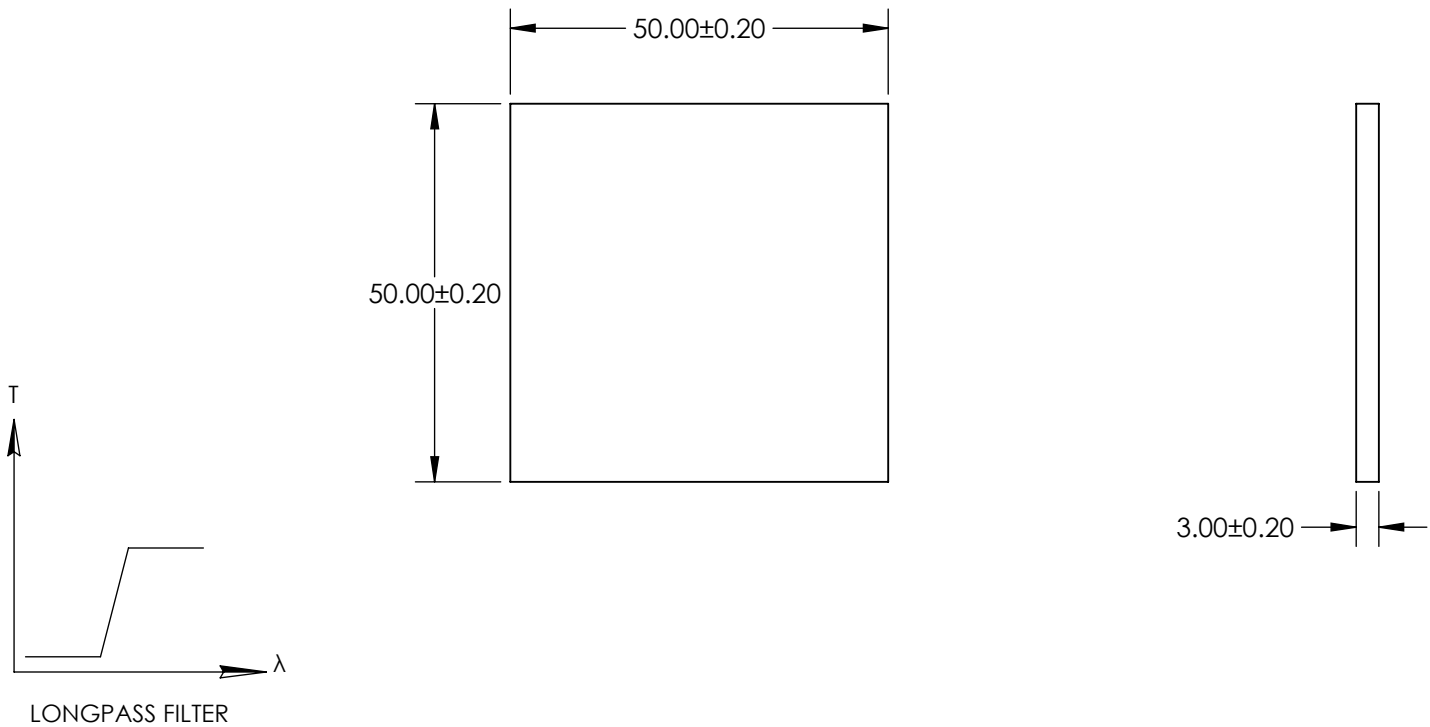
 **Edmund Optics®**

TITLE	SCHOTT RG695 50 x 50mm COLORED LONGPASS FILTER, 3mm THK		
DWG NO	14525	SHEET 1 OF 1	

NOTES:

- 1. SUBSTRATE: SCHOTT RG715
- 2. SURFACE S2 TO BE PARALLEL TO SURFACE S1 TO WITHIN 1 ARCMIN

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



	VALUE
SHAPE	PLANO
CUT-ON WAVELENGTH (nm)	715 ±9
PASSBAND LIMIT 1 (nm)	810
STOPBAND LIMIT (nm)	620
SURFACE QUALITY	60-40
CLEAR APERTURE	48.50 x 48.50
BEVEL MAX FACE	PROTECTIVE AS NEEDED

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE  
DIMENSIONS ARE FOR REFERENCE ONLY

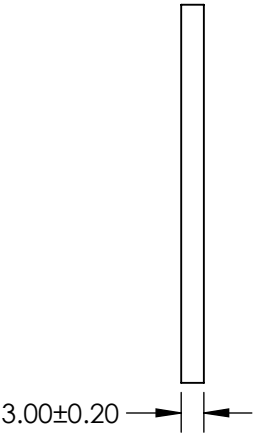
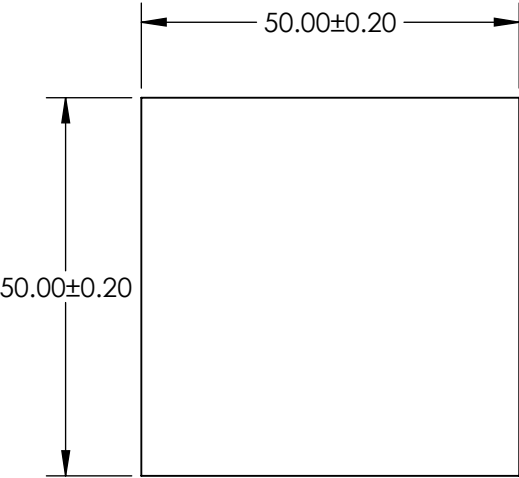
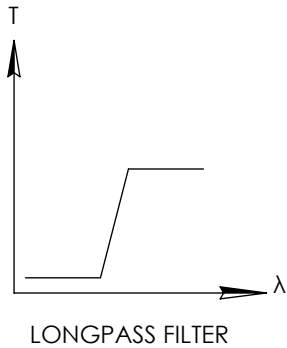


THIRD ANGLE PROJECTION		TITLE	SCHOTT RG715 50 x 50mm COLORED LONGPASS FILTER, 3mm THK	
		DWG NO	14528	SHEET 1 OF 1

NOTES:

- 1. SUBSTRATE: SCHOTT RG9
- 2. SURFACE S2 TO BE PARALLEL TO SURFACE S1 TO WITHIN 1 ARCMIN

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




SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE  
DIMENSIONS ARE FOR REFERENCE ONLY

	VALUE
SHAPE	PLANO
CUT-ON WAVELENGTH (nm)	N/A
PASSBAND LIMIT 1 (nm)	N/A
STOPBAND LIMIT (nm)	N/A
SURFACE QUALITY	60-40
CLEAR APERTURE	48.50 x 48.50
BEVEL MAX FACE	PROTECTIVE AS NEEDED

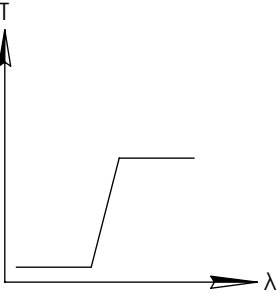
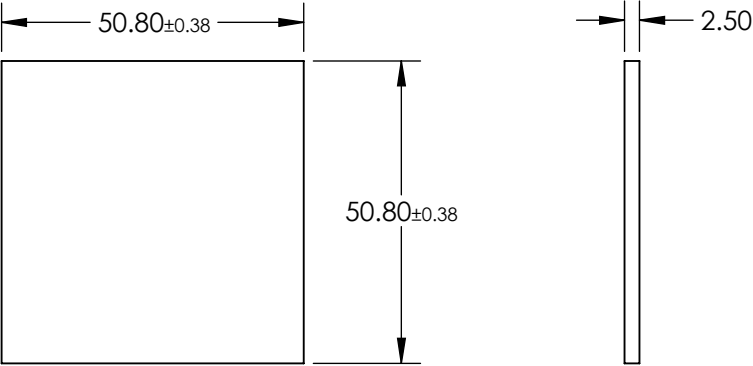
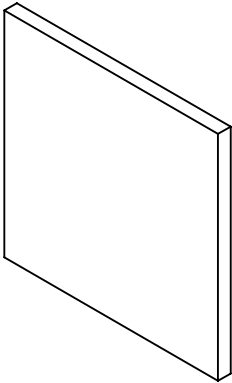
THIRD ANGLE  
PROJECTION

ALL DIMS IN      mm

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TITLE	SCHOTT RG9 50 x 50mm COLORED LONGPASS FILTER, 3mm THK		
DWG NO	14531	SHEET 1 OF 1	

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PARTS TO THIS DRAWING**



LONGPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE  
DIMENSIONS ARE FOR REFERENCE ONLY

REV. A	VALUE
SHAPE	PLANO
SPECTRAL TRANSMITTANCE $\tau_p(\%)$	93
PASSBAND LIMIT $\lambda_p1$ (nm)	750
CUT-OFF POSITION $\lambda_c$ (nm)	720±9
STOPBAND LIMIT $\lambda_s$ (nm)	648
WAVELENGTH	IR
BEVEL	PROTECTIVE AS NEEDED

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ALL DIMS IN

mm

TITLE

50.8 x 50.8mm, HOYA R-72 LONGPASS FILTER

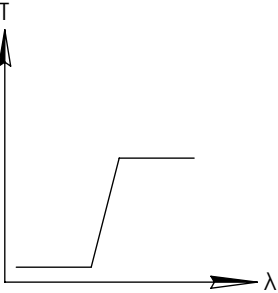
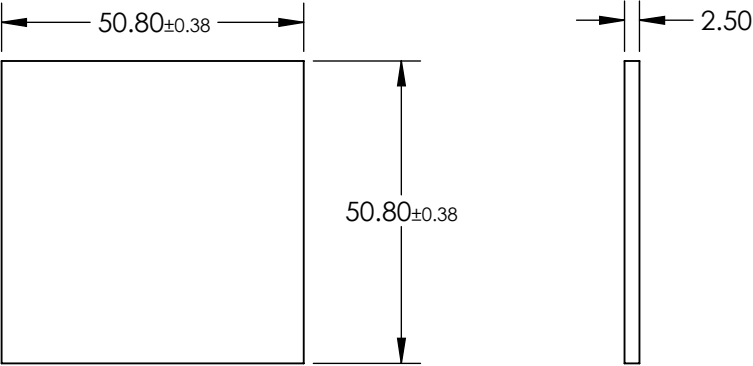
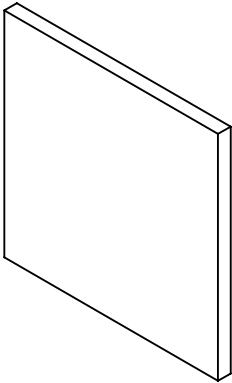
DWG NO

66068

SHEET  
1 OF 1



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



LONGPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE  
DIMENSIONS ARE FOR REFERENCE ONLY

REV. A	VALUE
SHAPE	PLANO
SPECTRAL TRANSMITTANCE $\tau_p(\%)$	94
PASSBAND LIMIT $\lambda_p1$ (nm)	800
CUT-OFF POSITION $\lambda_c$ (nm)	760±9
STOPBAND LIMIT $\lambda_s$ (nm)	700
WAVELENGTH	IR
BEVEL	PROTECTIVE AS NEEDED

**EO<sup>®</sup> Edmund Optics<sup>®</sup>**



ALL DIMS IN

mm

TITLE

50.8 x 50.8mm, HOYA IR-76 LONGPASS FILTER

DWG NO

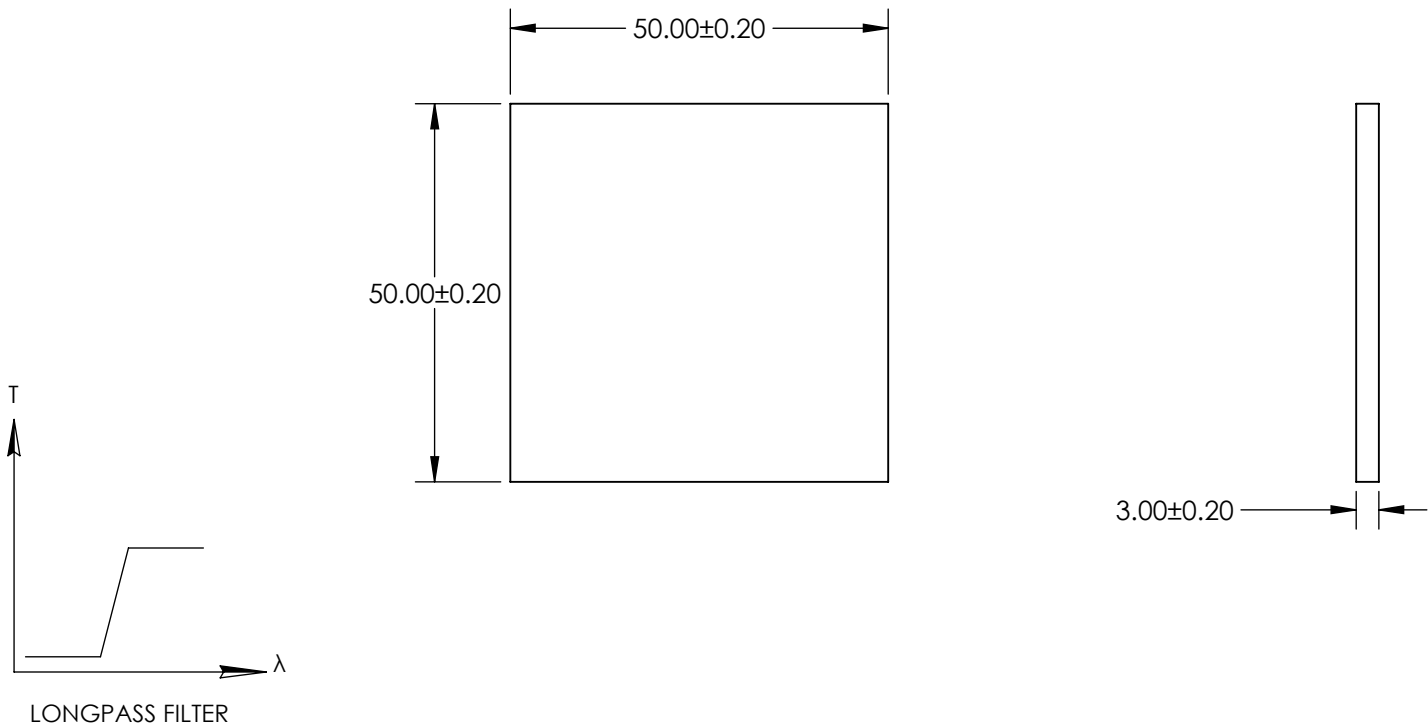
66069

SHEET  
1 OF 1

NOTES:

- 1. SUBSTRATE: SCHOTT RG780
- 2. SURFACE S2 TO BE PARALLEL TO SURFACE S1 TO WITHIN 1 ARCMIN

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



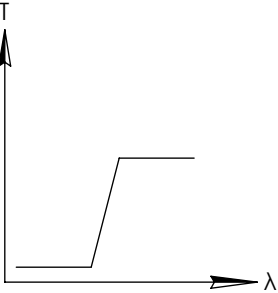
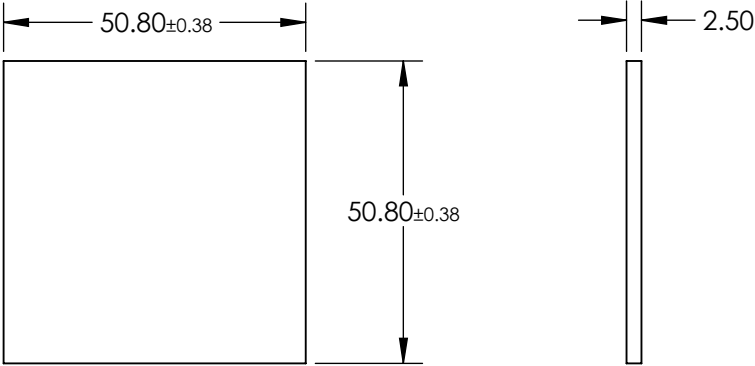
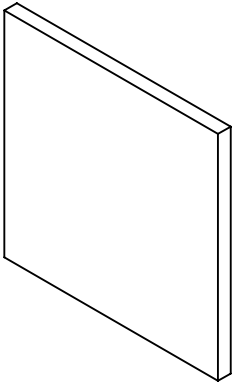
	VALUE
SHAPE	PLANO
CUT-ON WAVELENGTH (nm)	780 ±9
PASSBAND LIMIT 1 (nm)	900
STOPBAND LIMIT (nm)	610
SURFACE QUALITY	60-40
CLEAR APERTURE	48.50 x 48.50
BEVEL MAX FACE	PROTECTIVE AS NEEDED

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE  
DIMENSIONS ARE FOR REFERENCE ONLY



THIRD ANGLE PROJECTION		TITLE	SCHOTT RG780 50 x 50mm COLORED LONGPASS FILTER, 3mm THK	
ALL DIMS IN	mm	DWG NO	14534	SHEET 1 OF 1

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



LONGPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE  
DIMENSIONS ARE FOR REFERENCE ONLY

REV. A	VALUE
SHAPE	PLANO
SPECTRAL TRANSMITTANCE $\tau_p(\%)$	96
PASSBAND LIMIT $\lambda_p$ (nm)	850
CUT-OFF POSITION $\lambda_c$ (nm)	800±9
STOPBAND LIMIT $\lambda_s$ (nm)	740
WAVELENGTH	IR
BEVEL	PROTECTIVE AS NEEDED



ALL DIMS IN

mm

TITLE

50.8 x 50.8mm, HOYA IR-80 LONGPASS FILTER

DWG NO

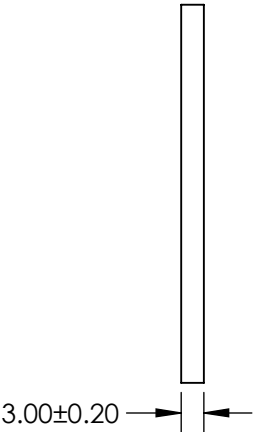
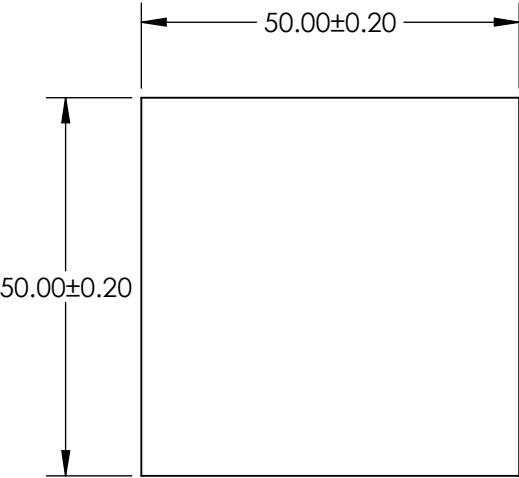
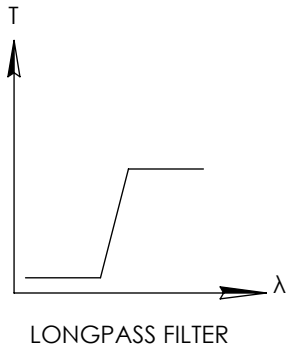
66070

SHEET  
1 OF 1

NOTES:

- 1. SUBSTRATE: SCHOTT RG830
- 2. SURFACE S2 TO BE PARALLEL TO SURFACE S1 TO WITHIN 1 ARCMIN

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



SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE  
DIMENSIONS ARE FOR REFERENCE ONLY

	VALUE
SHAPE	PLANO
CUT-ON WAVELENGTH (nm)	830 ±9
PASSBAND LIMIT 1 (nm)	950
STOPBAND LIMIT (nm)	670
SURFACE QUALITY	60-40
CLEAR APERTURE	48.50 x 48.50
BEVEL MAX FACE	PROTECTIVE AS NEEDED



ALL DIMS IN

mm



**Edmund Optics®**

TITLE

SCHOTT RG830 50 x 50mm COLORED  
LONGPASS FILTER, 3mm THK

DWG NO

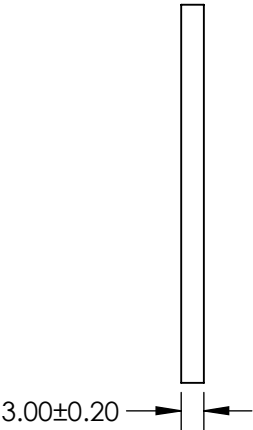
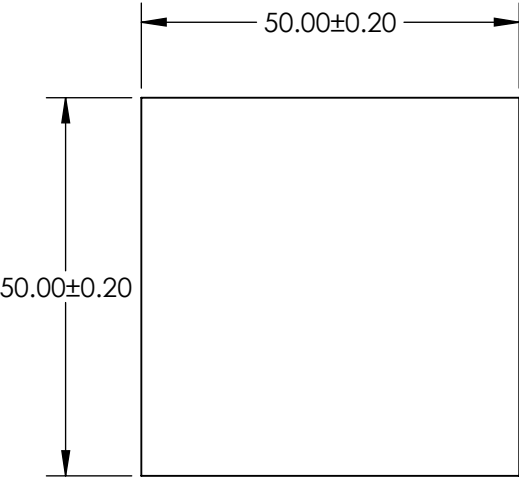
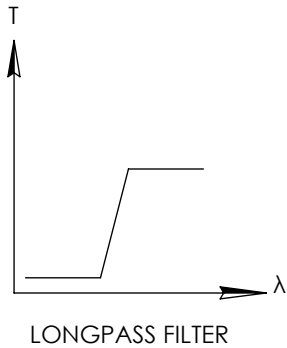
14537

SHEET  
1 OF 1

NOTES:

- 1. SUBSTRATE: SCHOTT RG850
- 2. SURFACE S2 TO BE PARALLEL TO SURFACE S1 TO WITHIN 1 ARCMIN

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



SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE  
DIMENSIONS ARE FOR REFERENCE ONLY

	VALUE
SHAPE	PLANO
CUT-ON WAVELENGTH (nm)	850 ±9
PASSBAND LIMIT 1 (nm)	700
STOPBAND LIMIT (nm)	950
SURFACE QUALITY	60-40
CLEAR APERTURE	48.50 x 48.50
BEVEL MAX FACE	PROTECTIVE AS NEEDED

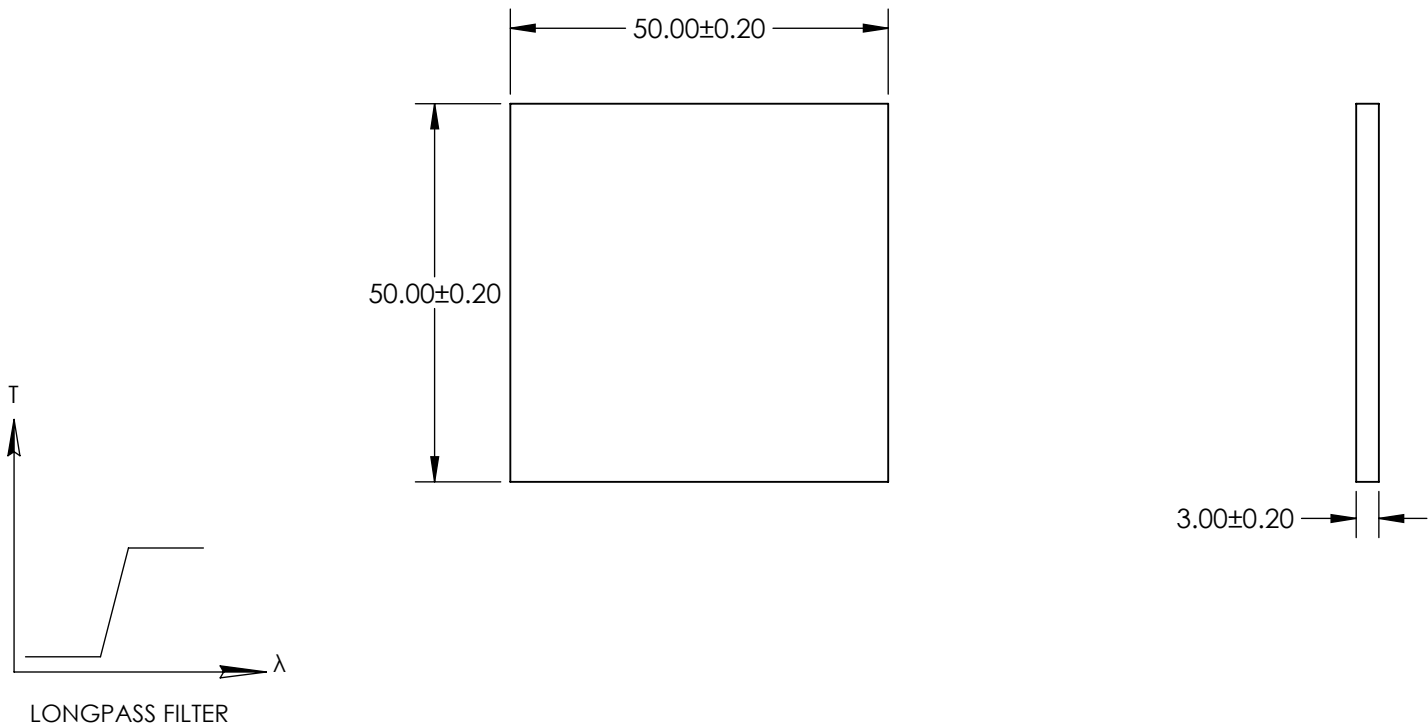


THIRD ANGLE PROJECTION		TITLE	SCHOTT RG850 50 x 50mm COLORED LONGPASS FILTER, 3mm THK	
ALL DIMS IN	mm	DWG NO	14540	SHEET 1 OF 1

NOTES:

- 1. SUBSTRATE: SCHOTT RG1000
- 2. SURFACE S2 TO BE PARALLEL TO SURFACE S1 TO WITHIN 1 ARCMIN

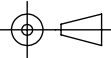
**FOR INFORMATION ONLY:  
DO NOT MANUFACTURE  
PARTS TO THIS DRAWING**



	VALUE
SHAPE	PLANO
CUT-ON WAVELENGTH (nm)	1000 ±6
PASSBAND LIMIT 1 (nm)	1300
STOPBAND LIMIT (nm)	730
SURFACE QUALITY	60-40
CLEAR APERTURE	48.50 x 48.50
BEVEL MAX FACE	PROTECTIVE AS NEEDED

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE  
DIMENSIONS ARE FOR REFERENCE ONLY



THIRD ANGLE PROJECTION 		TITLE	SCHOTT RG1000 50 x 50mm COLORED LONGPASS FILTER, 3mm THK	
ALL DIMS IN	mm	DWG NO	14543	SHEET 1 OF 1