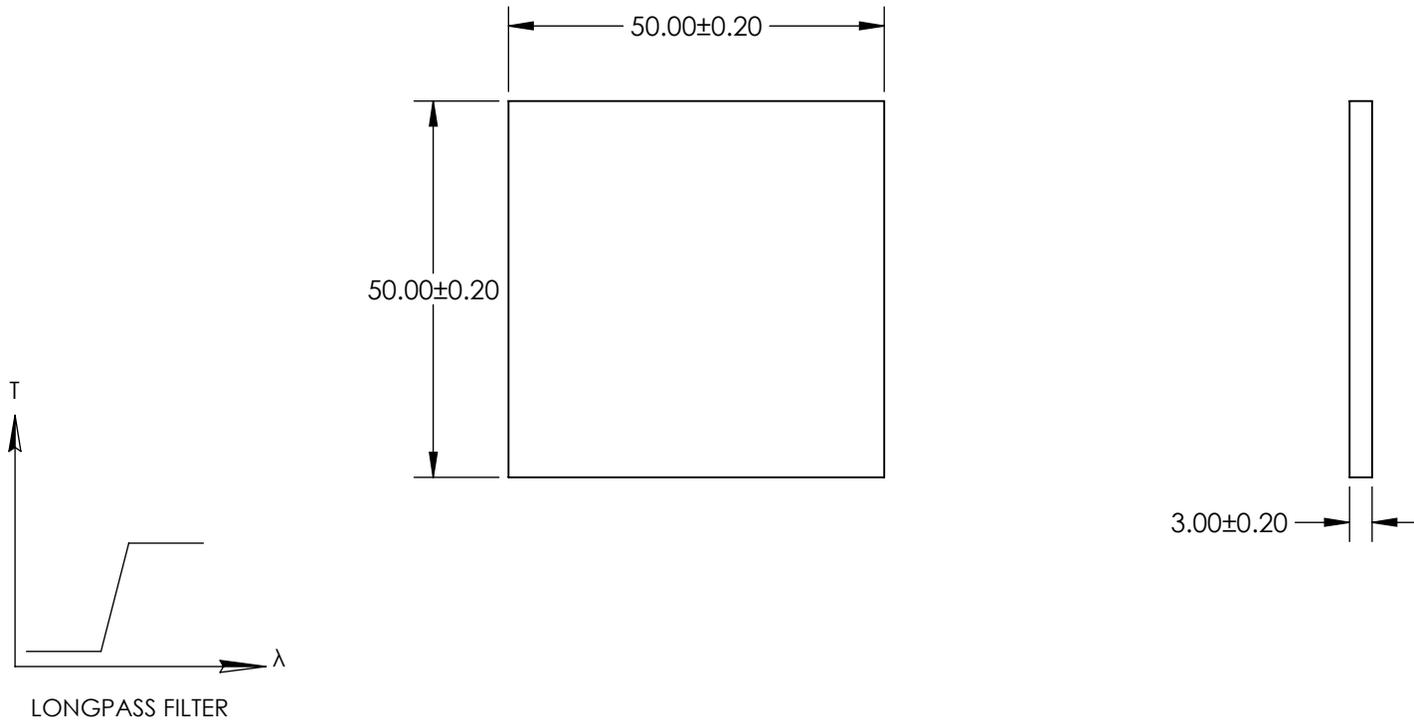


NOTES:

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

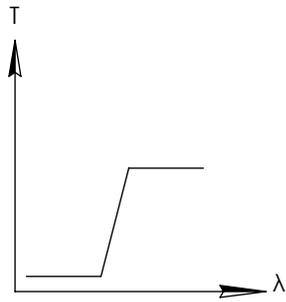
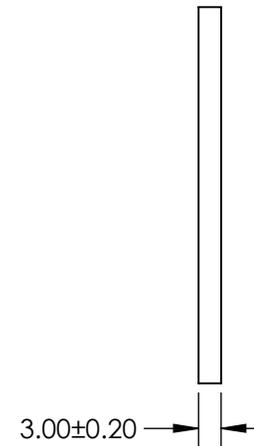
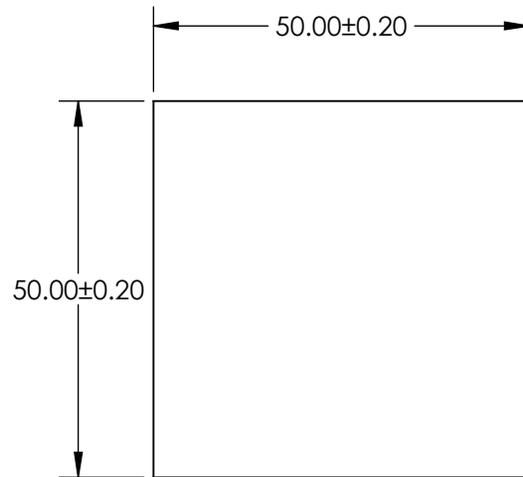
**EO**® Edmund Optics®

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**



LONGPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE  
DIMENSIONS ARE FOR REFERENCE ONLY

	VALUE
SHAPE	PLANO
CUT-ON WAVELENGTH (nm)	295 $\pm$ 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

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THIRD ANGLE PROJECTION

ALL DIMS IN mm

TITLE

SCHOTT N-WG295 50 x 50mm COLORED  
LONGPASS FILTER, 3mm THK

DWG NO

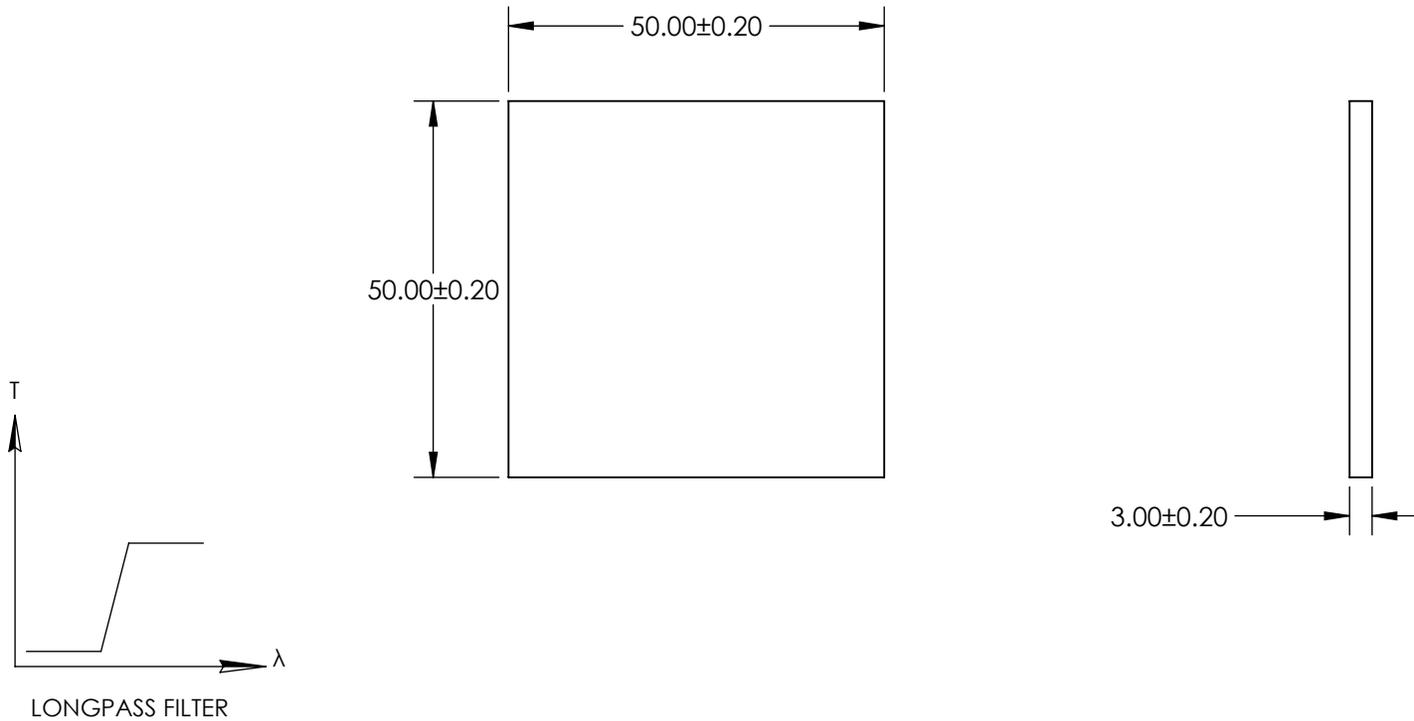
14465

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**



SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE  
DIMENSIONS ARE FOR REFERENCE ONLY

	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

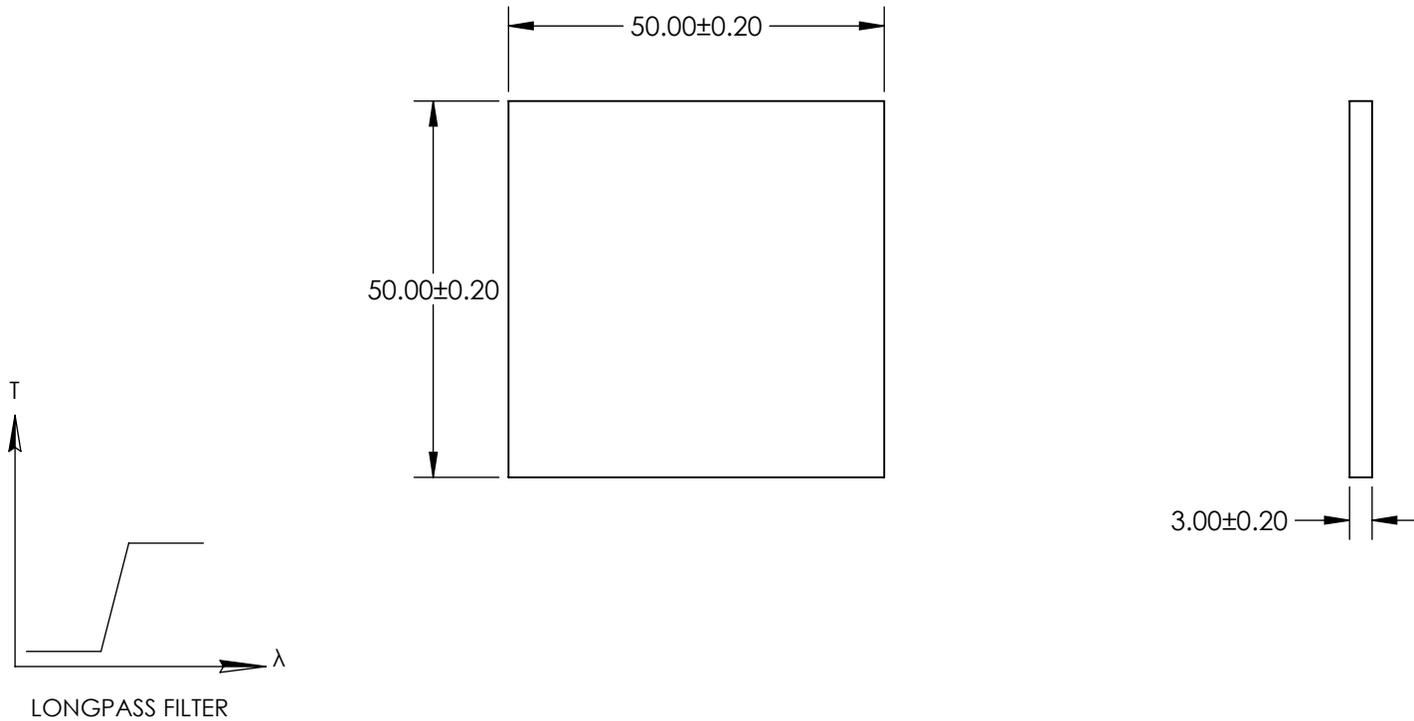
**EO**® Edmund Optics®

THIRD ANGLE PROJECTION	TITLE	SCHOTT N-WG305 50 x 50mm COLORED LONGPASS FILTER, 3mm THK	
ALL DIMS IN	DWG NO	mm	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**



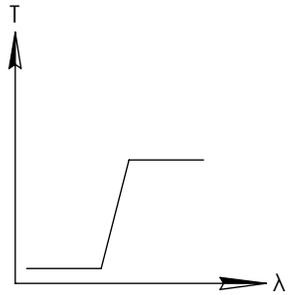
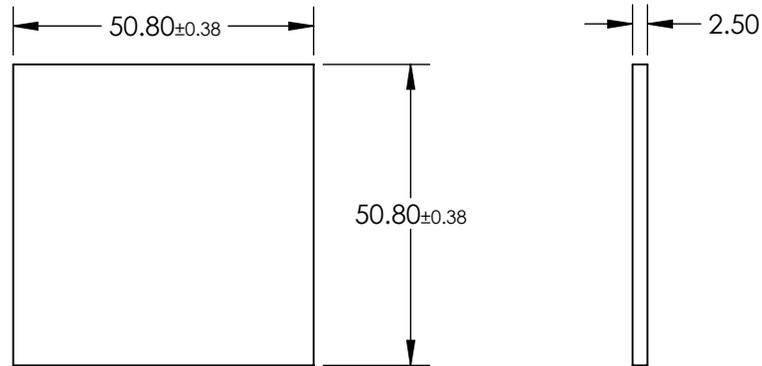
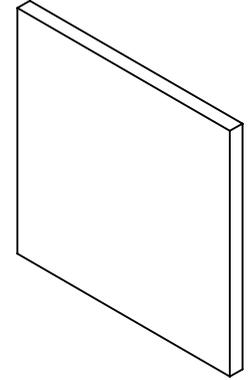
SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE  
DIMENSIONS ARE FOR REFERENCE ONLY

	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

**EO**® Edmund Optics®

THIRD ANGLE PROJECTION		TITLE	SCHOTT N-WG320 50 x 50mm COLORED LONGPASS FILTER, 3mm THK	
ALL DIMS IN	mm	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 $t_p(\%)$	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

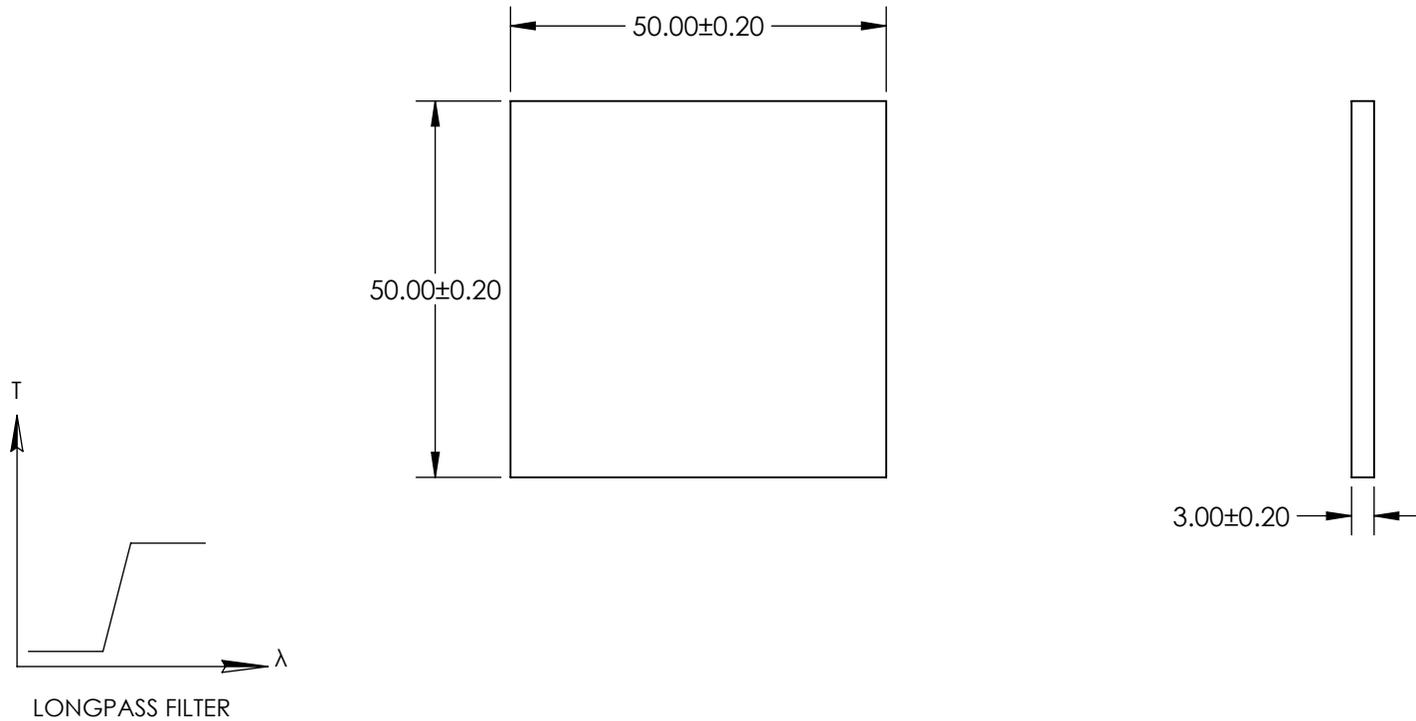
66060

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

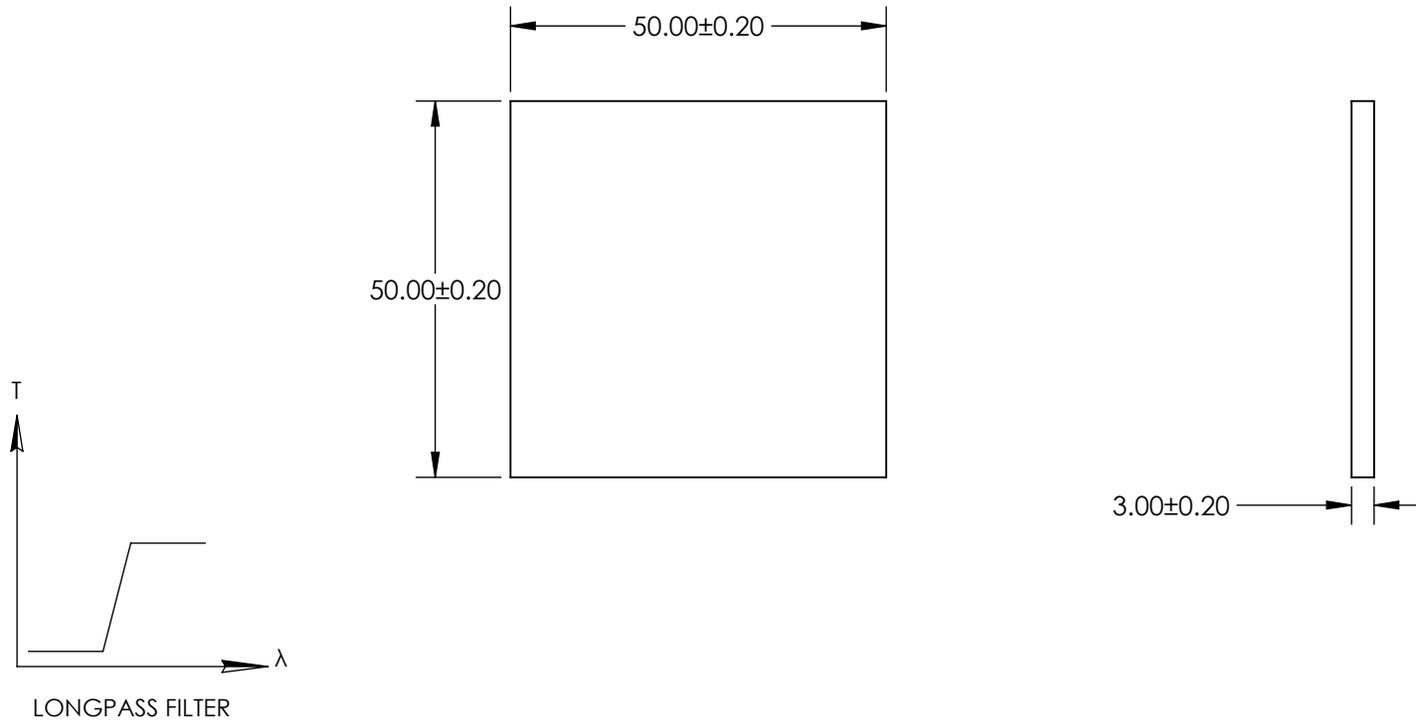
**EO**® Edmund Optics®

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

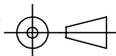
**FOR INFORMATION ONLY:  
DO NOT MANUFACTURE  
PARTS TO THIS DRAWING**



SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE  
DIMENSIONS ARE FOR REFERENCE ONLY

	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

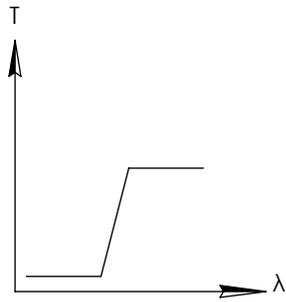
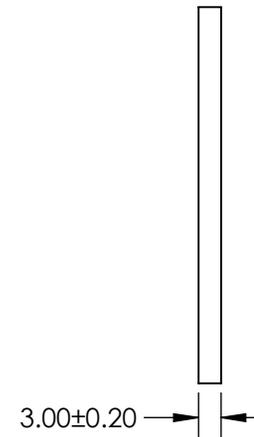
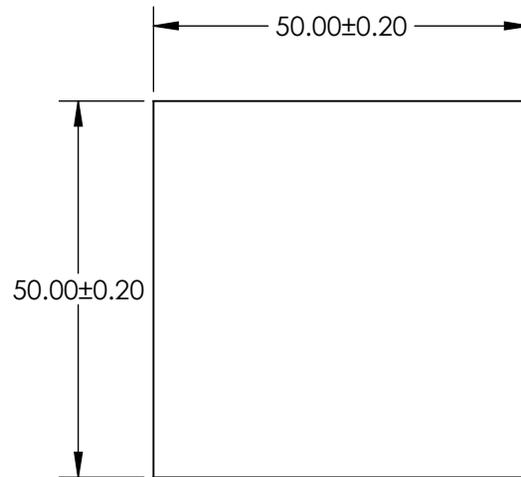
**EO**® Edmund Optics®

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**



LONGPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE  
DIMENSIONS ARE FOR REFERENCE ONLY

	VALUE
SHAPE	PLANO
CUT-ON WAVELENGTH (nm)	420 $\pm$ 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

**EO**® Edmund Optics®



ALL DIMS IN

mm

TITLE

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

DWG NO

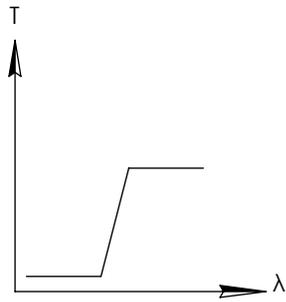
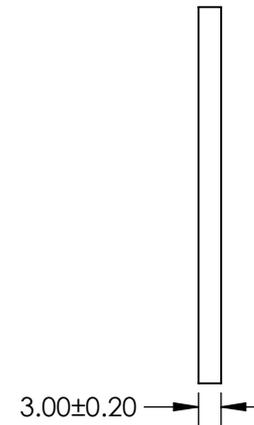
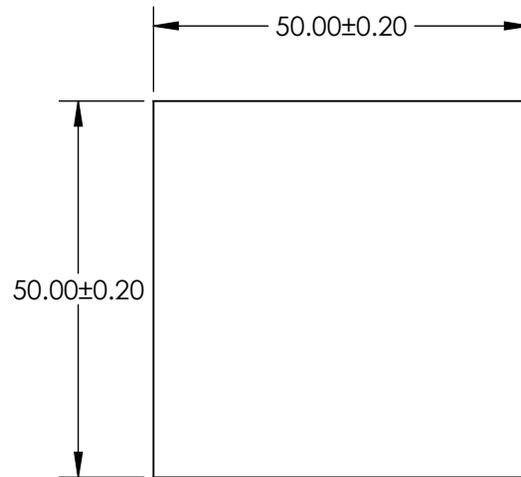
14480

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**



LONGPASS FILTER

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

**EO**® Edmund Optics®

THIRD ANGLE PROJECTION

TITLE

SCHOTT GG435 50 x 50mm COLORED  
LONGPASS FILTER, 3mm THK

ALL DIMS IN

mm

DWG NO

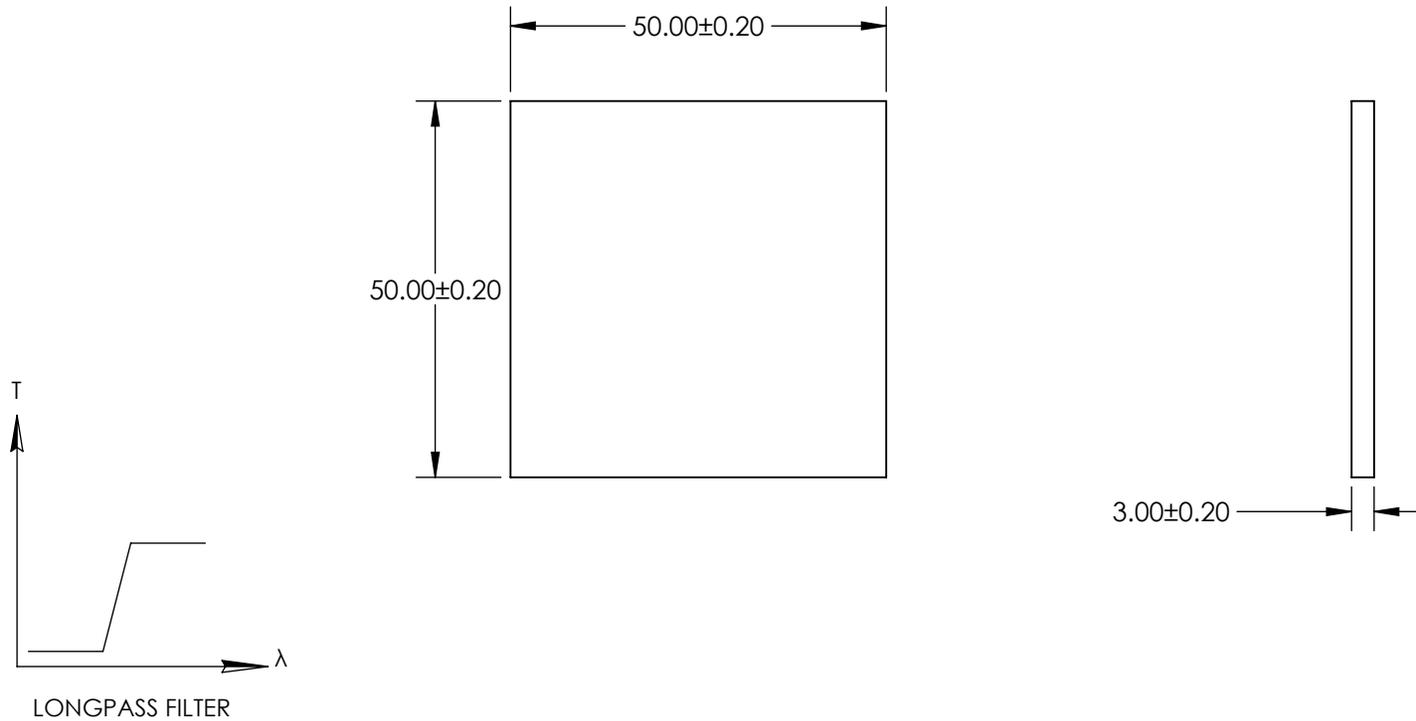
14483

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**



SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE  
DIMENSIONS ARE FOR REFERENCE ONLY

	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

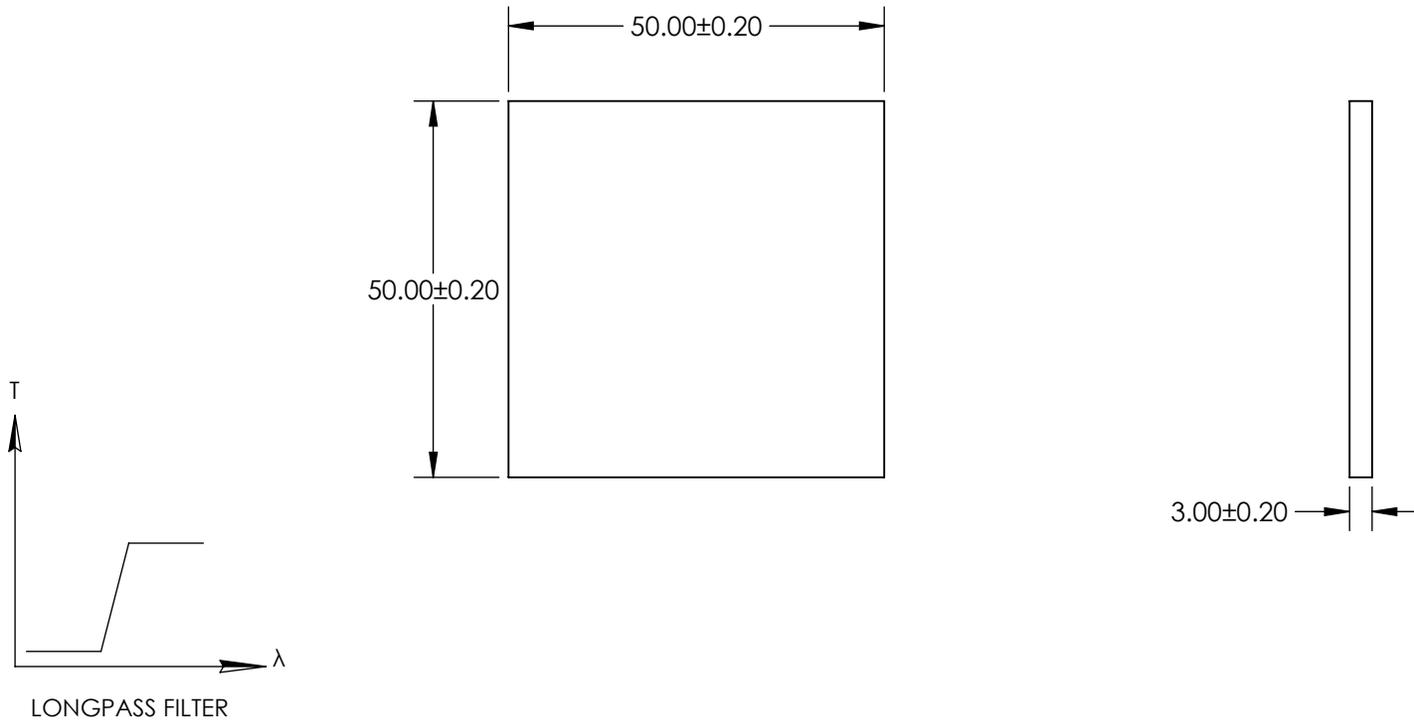
**EO**® Edmund Optics®

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**



SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE  
DIMENSIONS ARE FOR REFERENCE ONLY

	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

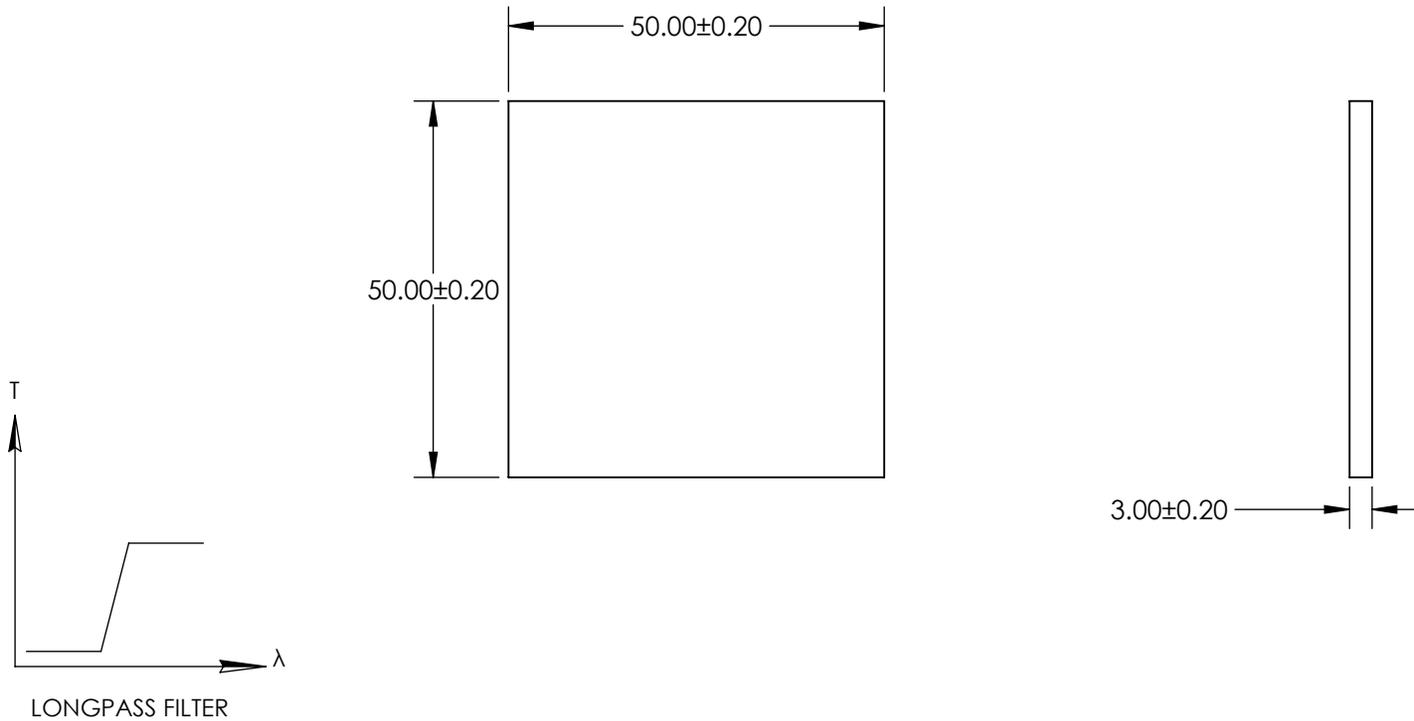
**EO**® Edmund Optics®

THIRD ANGLE PROJECTION	TITLE	SCHOTT GG475 50 x 50mm COLORED LONGPASS FILTER, 3mm THK	
ALL DIMS IN	DWG NO	mm	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**



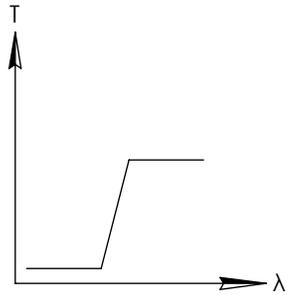
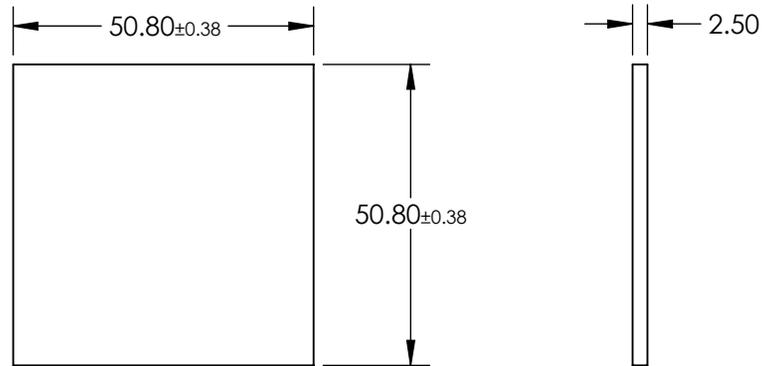
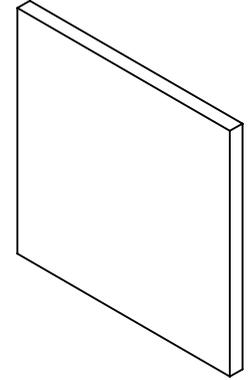
SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE  
DIMENSIONS ARE FOR REFERENCE ONLY

	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

**EO**® Edmund Optics®

THIRD ANGLE PROJECTION	TITLE	SCHOTT GG495 50 x 50mm COLORED LONGPASS FILTER, 3mm THK	
ALL DIMS IN	DWG NO	mm	14492
			SHEET 1 OF 1

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



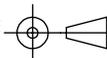
LONGPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE  
DIMENSIONS ARE FOR REFERENCE ONLY

REV. A	VALUE
SHAPE	PLANO
SPECTRAL TRANSMITTANCE $t_p(\%)$	92
PASSBAND LIMIT $\lambda_{p1}$ (nm)	520
CUT-OFF POSITION $\lambda_c$ (nm)	500±6
STOPBAND LIMIT $\lambda_s$ (nm)	458
WAVELENGTH	VIS
BEVEL	PROTECTIVE AS NEEDED



THIRD ANGLE  
PROJECTION



TITLE

50.8 x 50.8mm, HOYA Y-50 LONGPASS FILTER

ALL DIMS IN

mm

DWG NO

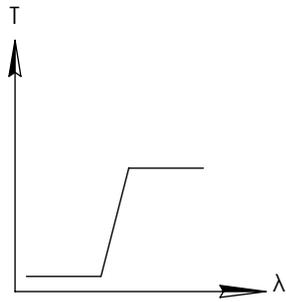
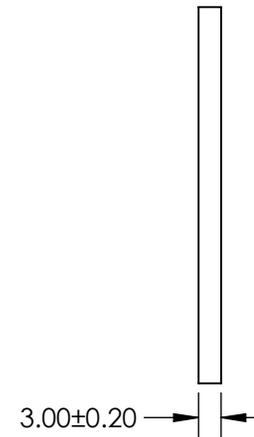
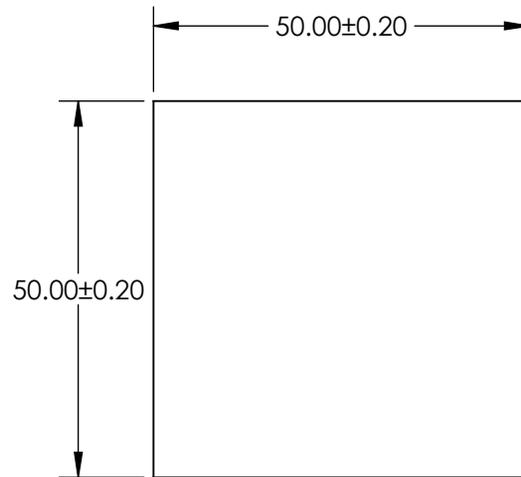
66061

SHEET  
1 OF 1

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**



LONGPASS FILTER

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

**EO**® Edmund Optics®



TITLE

SCHOTT OG515 50 x 50mm COLORED  
LONGPASS FILTER, 3mm THK

ALL DIMS IN

mm

DWG NO

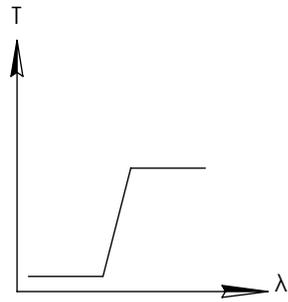
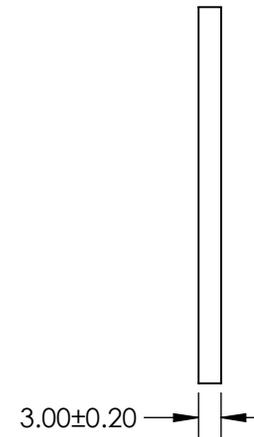
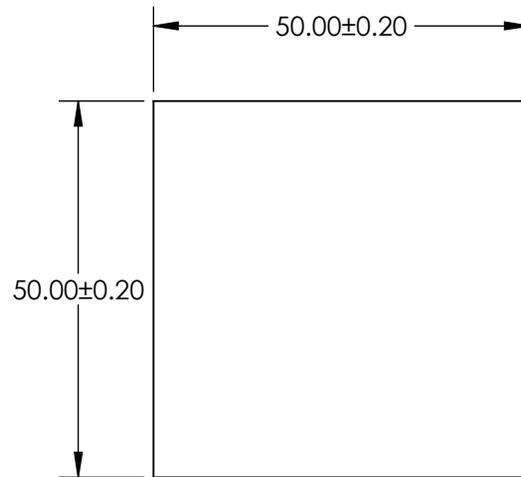
14495

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**



LONGPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE  
DIMENSIONS ARE FOR REFERENCE ONLY

	VALUE
SHAPE	PLANO
CUT-ON WAVELENGTH (nm)	530 $\pm$ 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

**EO**® Edmund Optics®

THIRD ANGLE PROJECTION

TITLE

SCHOTT OG530 50 x 50mm COLORED  
LONGPASS FILTER, 3mm THK

ALL DIMS IN

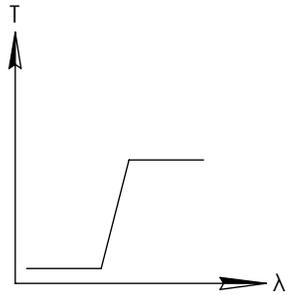
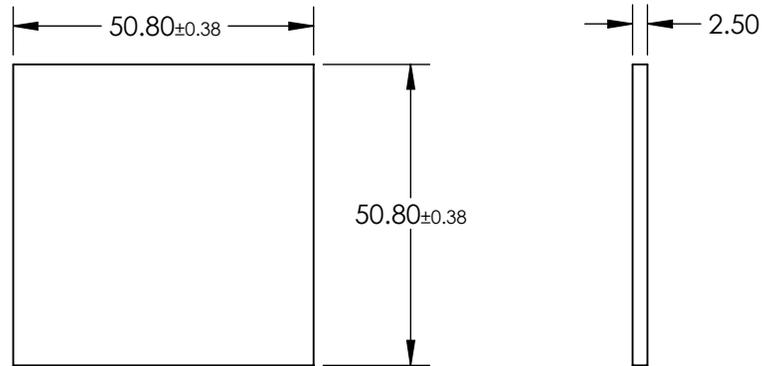
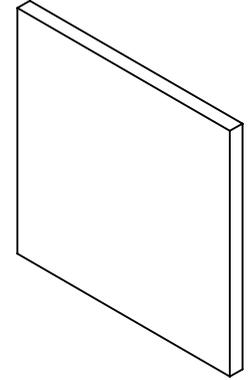
mm

DWG NO

14498

SHEET  
1 OF 1

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



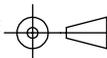
LONGPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE  
DIMENSIONS ARE FOR REFERENCE ONLY

REV. A	VALUE
SHAPE	PLANO
SPECTRAL TRANSMITTANCE $t_p(\%)$	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



THIRD ANGLE  
PROJECTION



TITLE

50.8 x 50.8mm, HOYA O-54 LONGPASS FILTER

ALL DIMS IN

mm

DWG NO

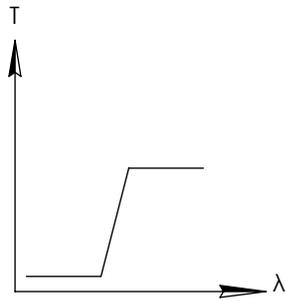
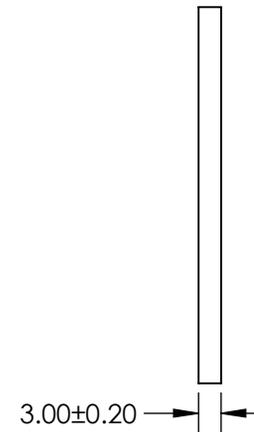
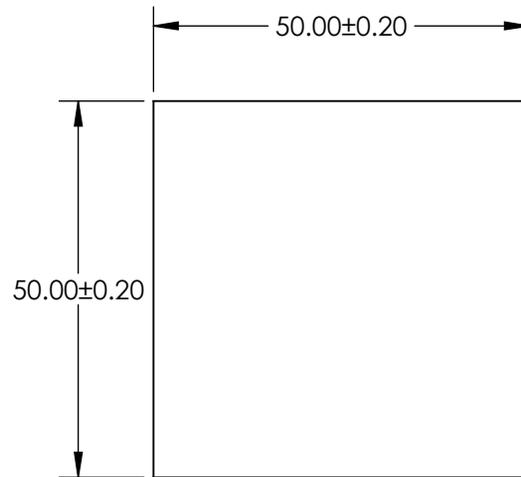
66062

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**



LONGPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE  
DIMENSIONS ARE FOR REFERENCE ONLY

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

**EO**® Edmund Optics®

THIRD ANGLE PROJECTION

TITLE

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

ALL DIMS IN

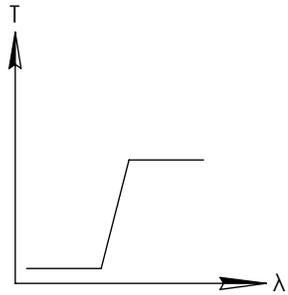
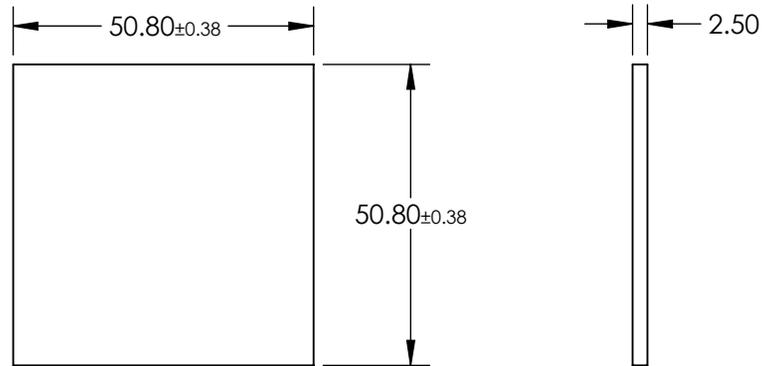
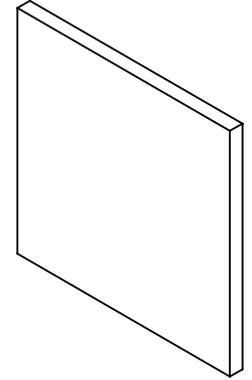
mm

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 $t_p(\%)$	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



ALL DIMS IN

mm

TITLE

50.8 x 50.8mm, HOYA O-56 LONGPASS FILTER

DWG NO

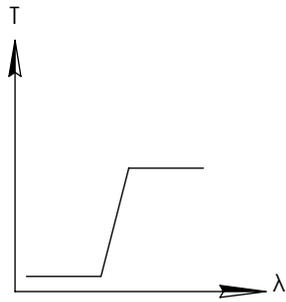
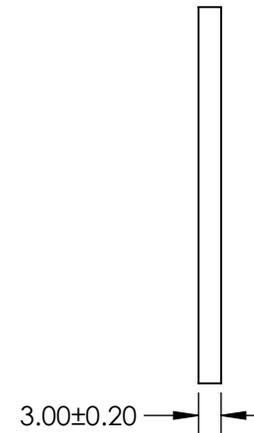
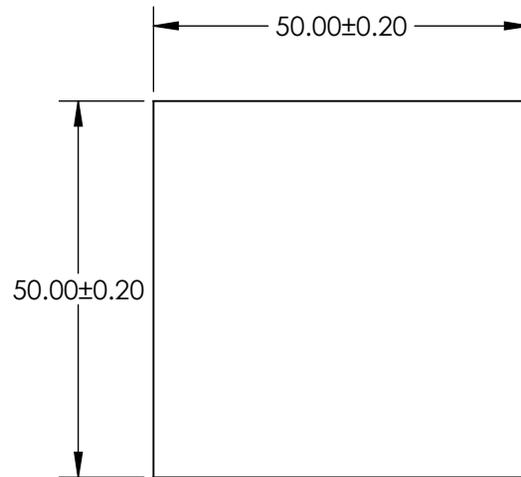
66063

SHEET  
1 OF 1

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**



LONGPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE  
DIMENSIONS ARE FOR REFERENCE ONLY

	VALUE
SHAPE	PLANO
CUT-ON WAVELENGTH (nm)	$570 \pm 6$
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

**EO**® Edmund Optics®



ALL DIMS IN

mm

TITLE

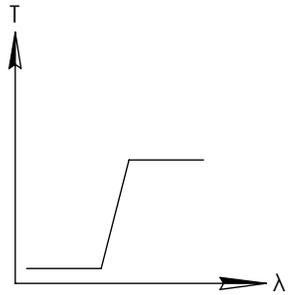
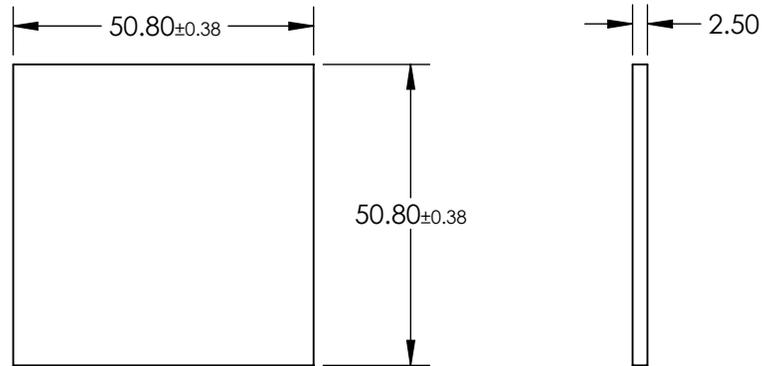
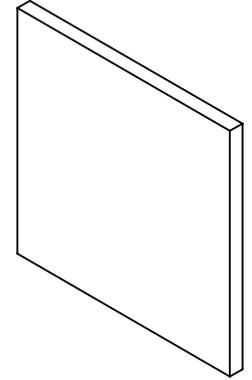
SCHOTT OG570 50 x 50mm COLORED  
LONGPASS FILTER, 3mm THK

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 $t_p(\%)$	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

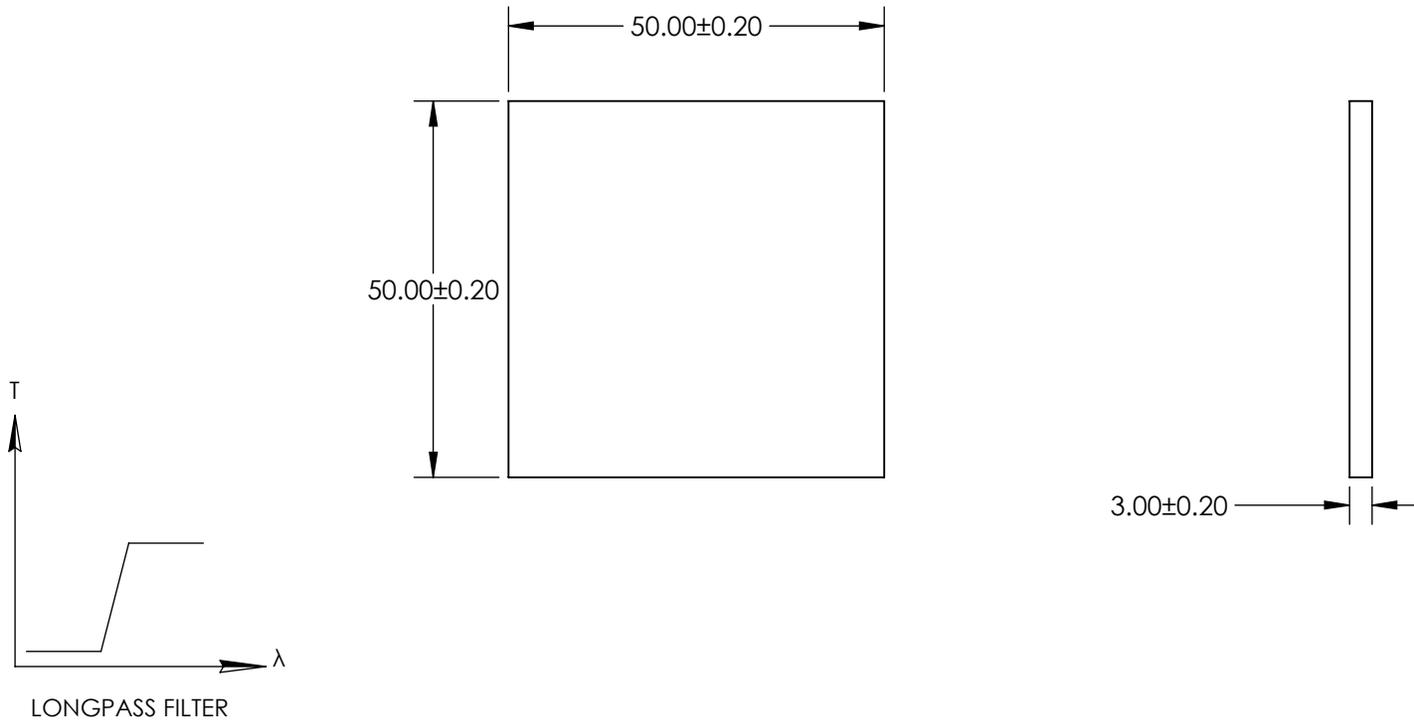
66064

SHEET  
1 OF 1

NOTES:

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

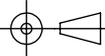
**FOR INFORMATION ONLY:  
DO NOT MANUFACTURE  
PARTS TO THIS DRAWING**



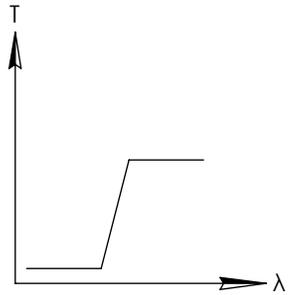
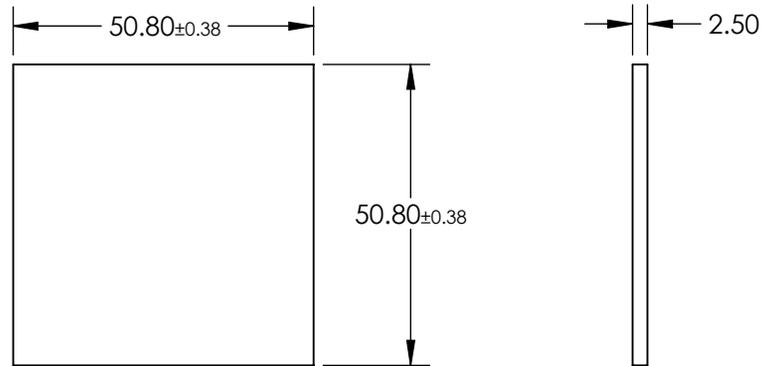
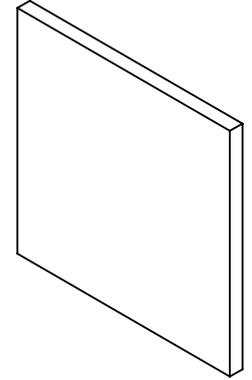
SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE  
DIMENSIONS ARE FOR REFERENCE ONLY

	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

**EO**® Edmund Optics®

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:  
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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 $t_p(\%)$	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



ALL DIMS IN

mm

TITLE

50.8 x 50.8mm, HOYA R-60 LONGPASS FILTER

DWG NO

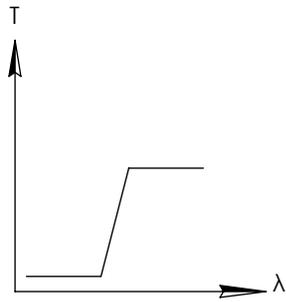
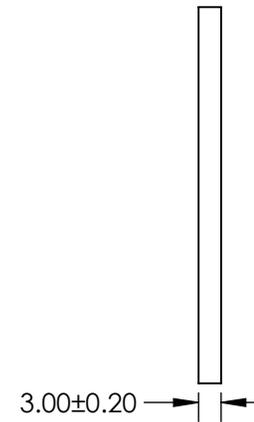
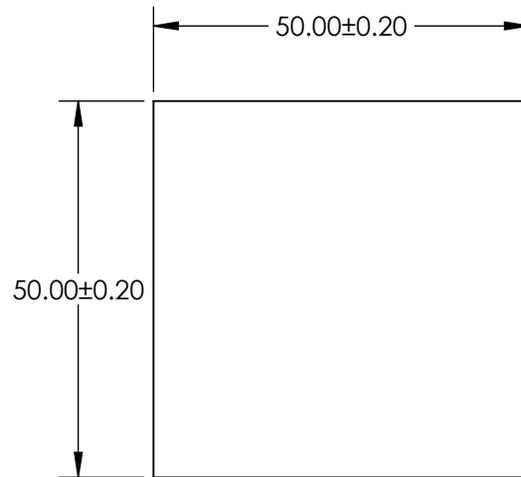
66065

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**



LONGPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE  
DIMENSIONS ARE FOR REFERENCE ONLY

	VALUE
SHAPE	PLANO
CUT-ON WAVELENGTH (nm)	$610 \pm 6$
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

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ALL DIMS IN

mm

TITLE

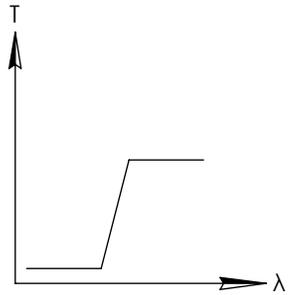
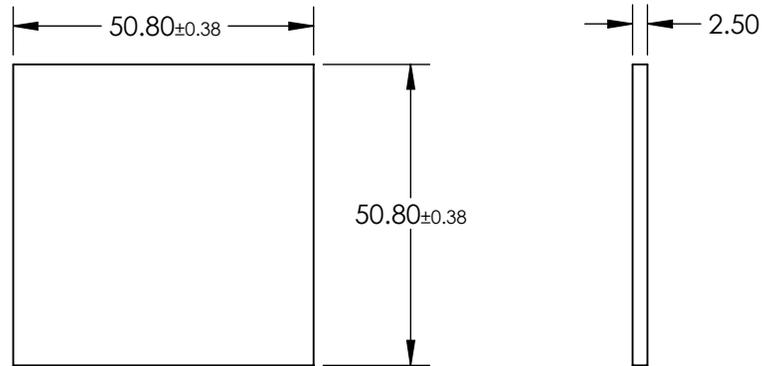
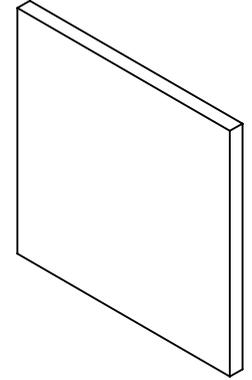
SCHOTT RG610 50 x 50mm COLORED  
LONGPASS FILTER, 3mm THK

DWG NO

14513

SHEET  
1 OF 1

**FOR INFORMATION ONLY:  
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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 $t_p(\%)$	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



ALL DIMS IN

mm

TITLE

50.8 x 50.8mm, HOYA R-62 LONGPASS FILTER

DWG NO

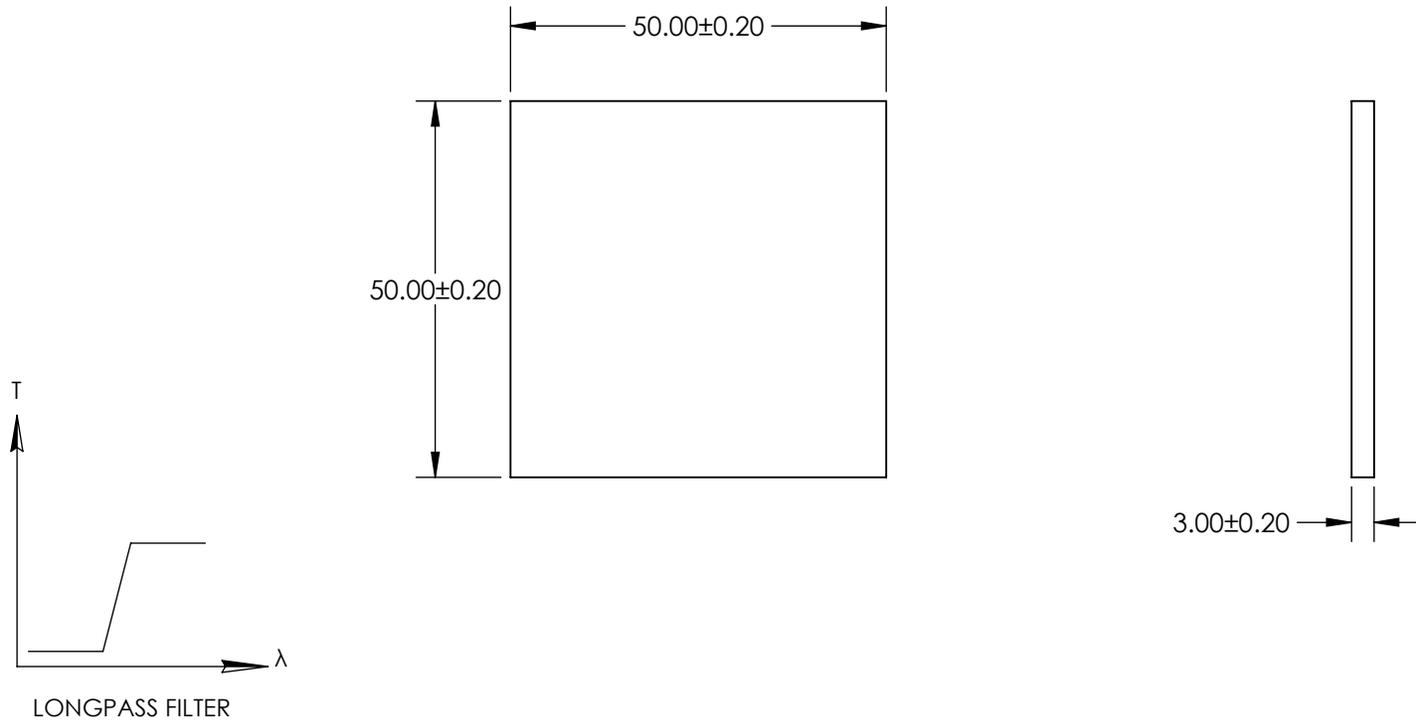
66066

SHEET  
1 OF 1

NOTES:

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

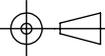
**FOR INFORMATION ONLY:  
DO NOT MANUFACTURE  
PARTS TO THIS DRAWING**



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

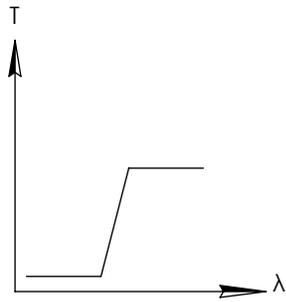
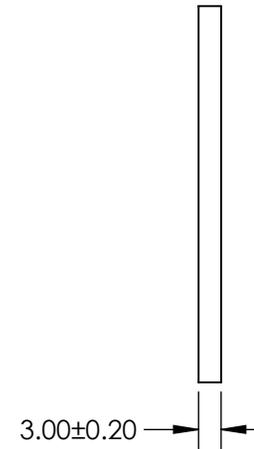
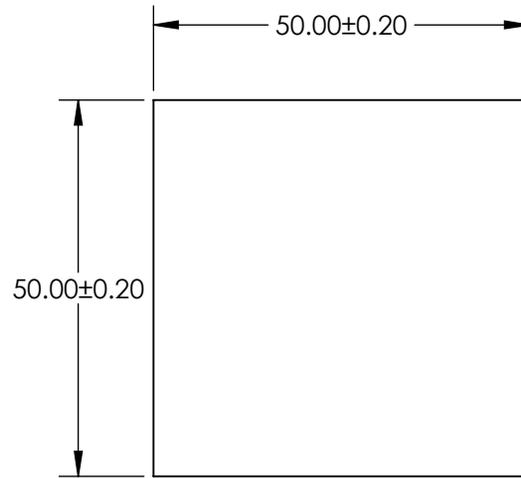
**EO**® Edmund Optics®

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**



LONGPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE  
DIMENSIONS ARE FOR REFERENCE ONLY

	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

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ALL DIMS IN

mm

TITLE

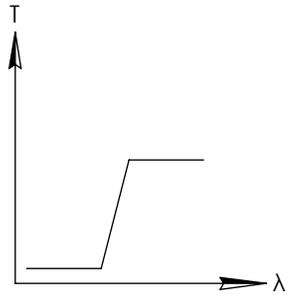
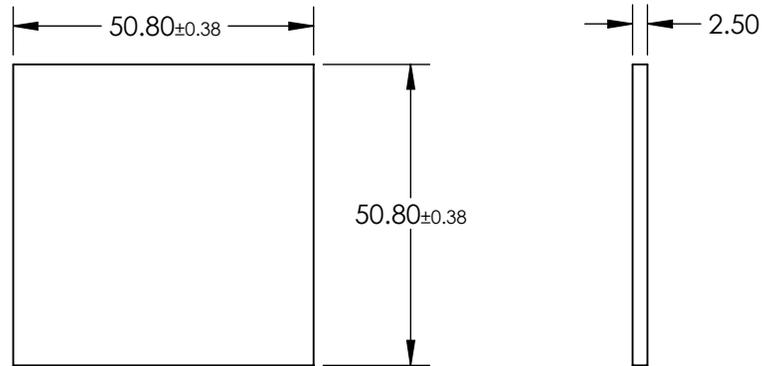
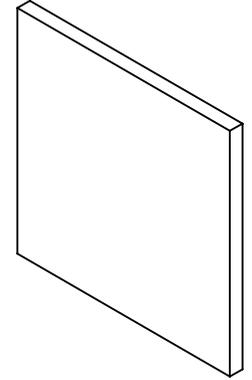
SCHOTT RG645 50 x 50mm COLORED  
LONGPASS FILTER, 3mm THK

DWG NO

14519

SHEET  
1 OF 1

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PARTS TO THIS DRAWING**



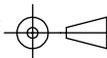
LONGPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE  
DIMENSIONS ARE FOR REFERENCE ONLY

REV. A	VALUE
SHAPE	PLANO
SPECTRAL TRANSMITTANCE $t_p(\%)$	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



THIRD ANGLE  
PROJECTION



TITLE

50.8 x 50.8mm, HOYA R-66 LONGPASS FILTER

ALL DIMS IN

mm

DWG NO

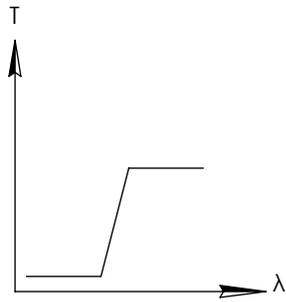
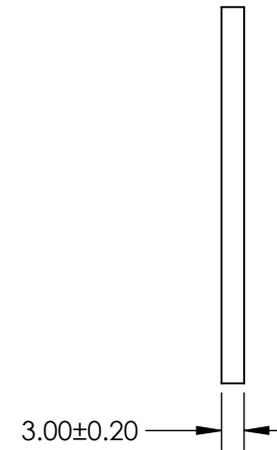
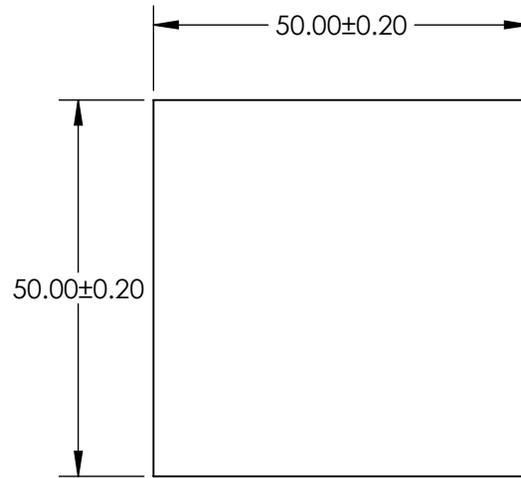
66067

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**



LONGPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE  
DIMENSIONS ARE FOR REFERENCE ONLY

	VALUE
SHAPE	PLANO
CUT-ON WAVELENGTH (nm)	665 $\pm$ 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

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ALL DIMS IN

mm

TITLE

SCHOTT RG665 50 x 50mm COLORED  
LONGPASS FILTER, 3mm THK

DWG NO

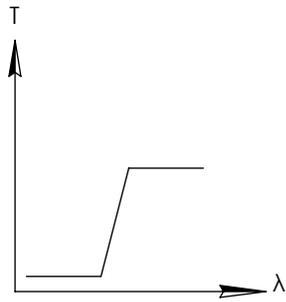
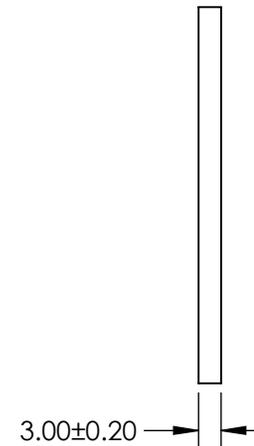
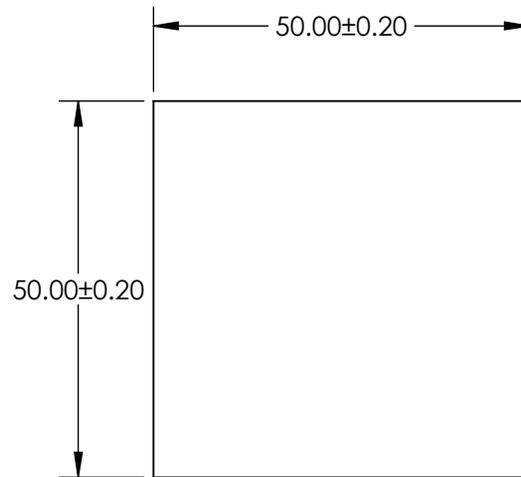
14522

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:  
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PARTS TO THIS DRAWING**



LONGPASS FILTER

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

**EO**® Edmund Optics®

THIRD ANGLE PROJECTION

TITLE

SCHOTT RG695 50 x 50mm COLORED  
LONGPASS FILTER, 3mm THK

ALL DIMS IN

mm

DWG NO

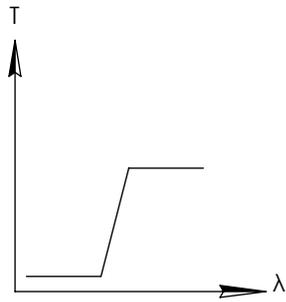
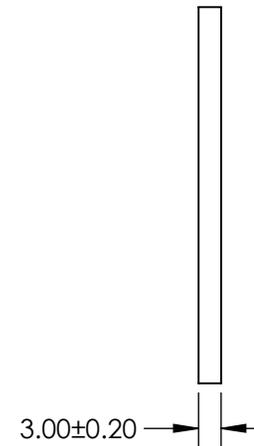
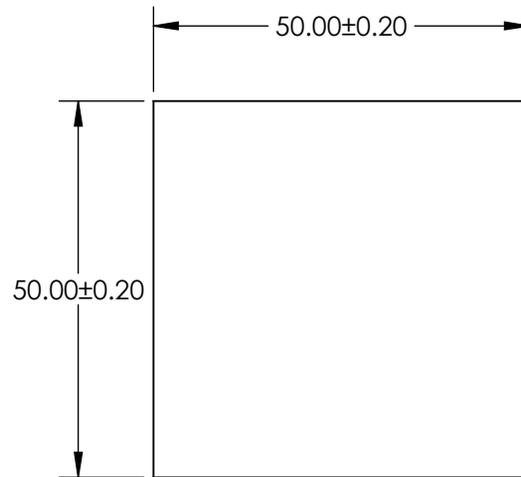
14525

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**



LONGPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE  
DIMENSIONS ARE FOR REFERENCE ONLY

	VALUE
SHAPE	PLANO
CUT-ON WAVELENGTH (nm)	715 $\pm$ 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

**EO**® Edmund Optics®

THIRD ANGLE PROJECTION

TITLE

SCHOTT RG715 50 x 50mm COLORED  
LONGPASS FILTER, 3mm THK

ALL DIMS IN

mm

DWG NO

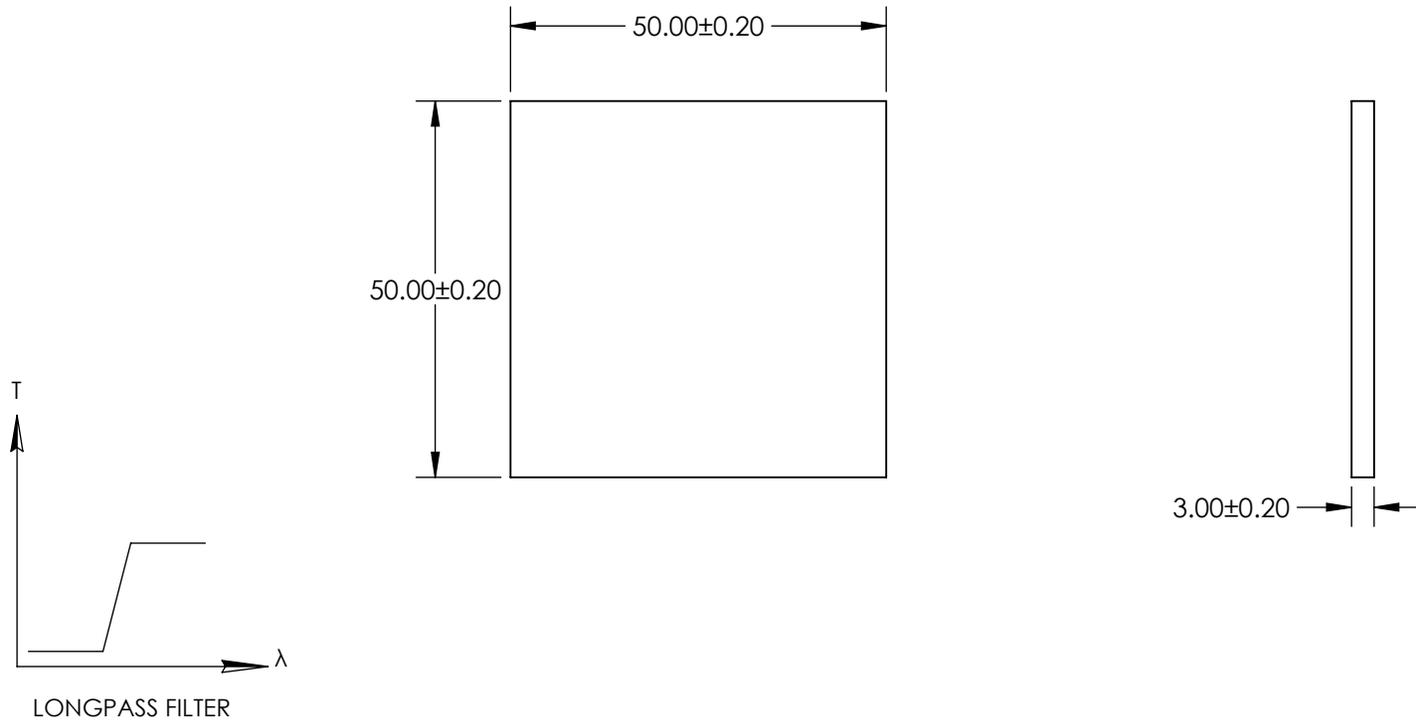
14528

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**



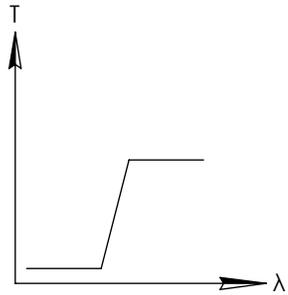
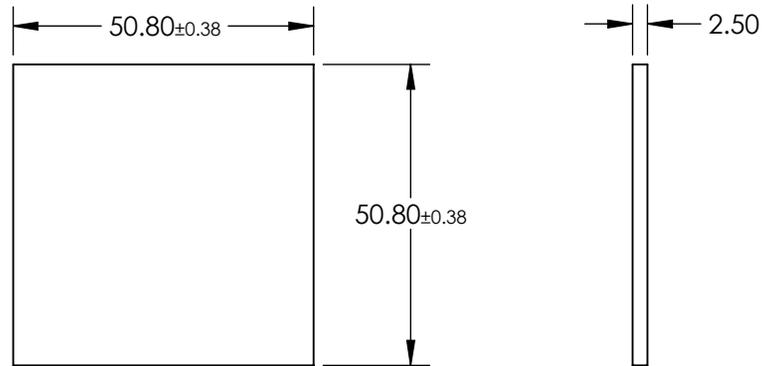
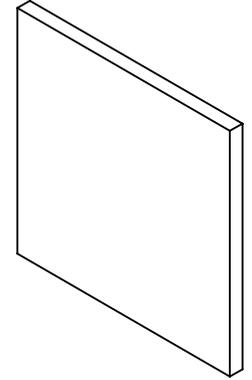
SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE  
DIMENSIONS ARE FOR REFERENCE ONLY

	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

**EO**® **Edmund Optics**®

THIRD ANGLE PROJECTION		TITLE	SCHOTT RG9 50 x 50mm COLORED LONGPASS FILTER, 3mm THK
ALL DIMS IN	mm	DWG NO	14531
			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 $t_p(\%)$	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



ALL DIMS IN

mm

TITLE

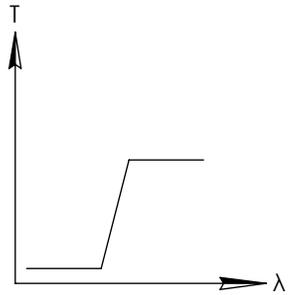
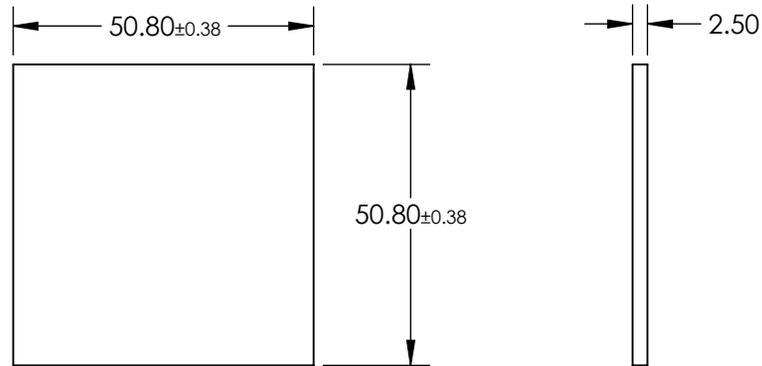
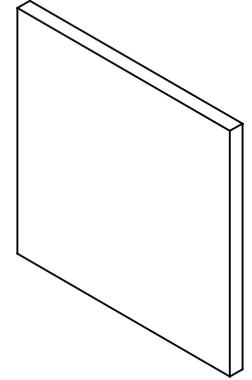
50.8 x 50.8mm, HOYA R-72 LONGPASS FILTER

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 $t_p(\%)$	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



ALL DIMS IN

mm

TITLE

50.8 x 50.8mm, HOYA IR-76 LONGPASS FILTER

DWG NO

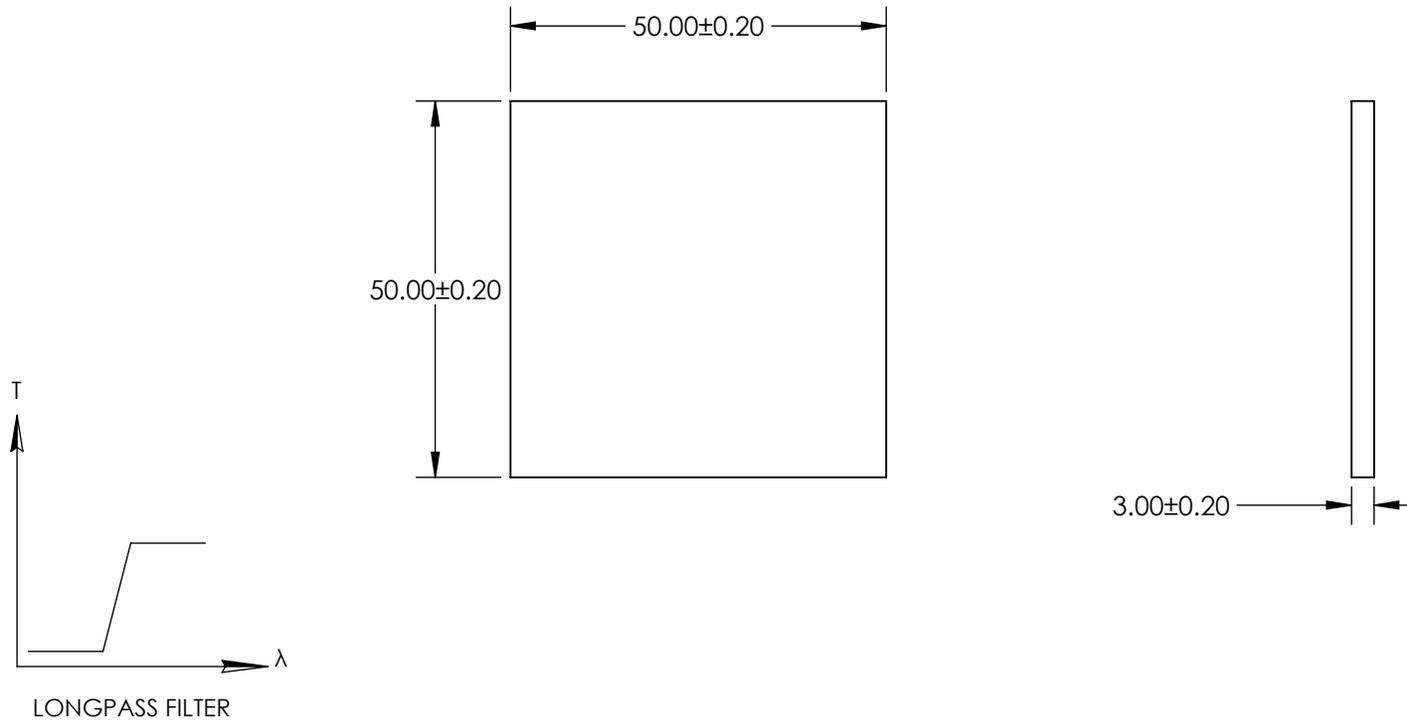
66069

SHEET  
1 OF 1

NOTES:

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

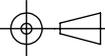
**FOR INFORMATION ONLY:  
DO NOT MANUFACTURE  
PARTS TO THIS DRAWING**



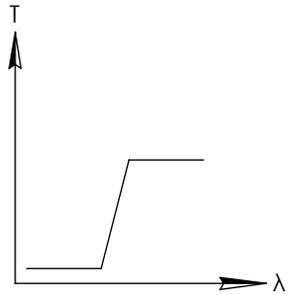
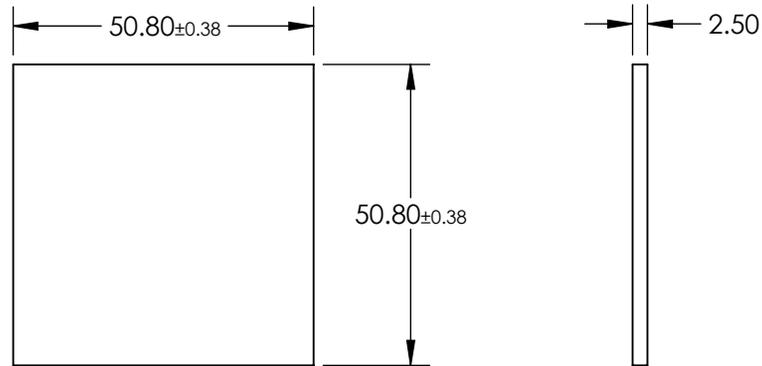
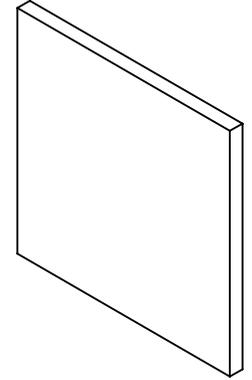
SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE  
DIMENSIONS ARE FOR REFERENCE ONLY

	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

**EO**® Edmund Optics®

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 $t_p(\%)$	96
PASSBAND LIMIT $\lambda_p1$ (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

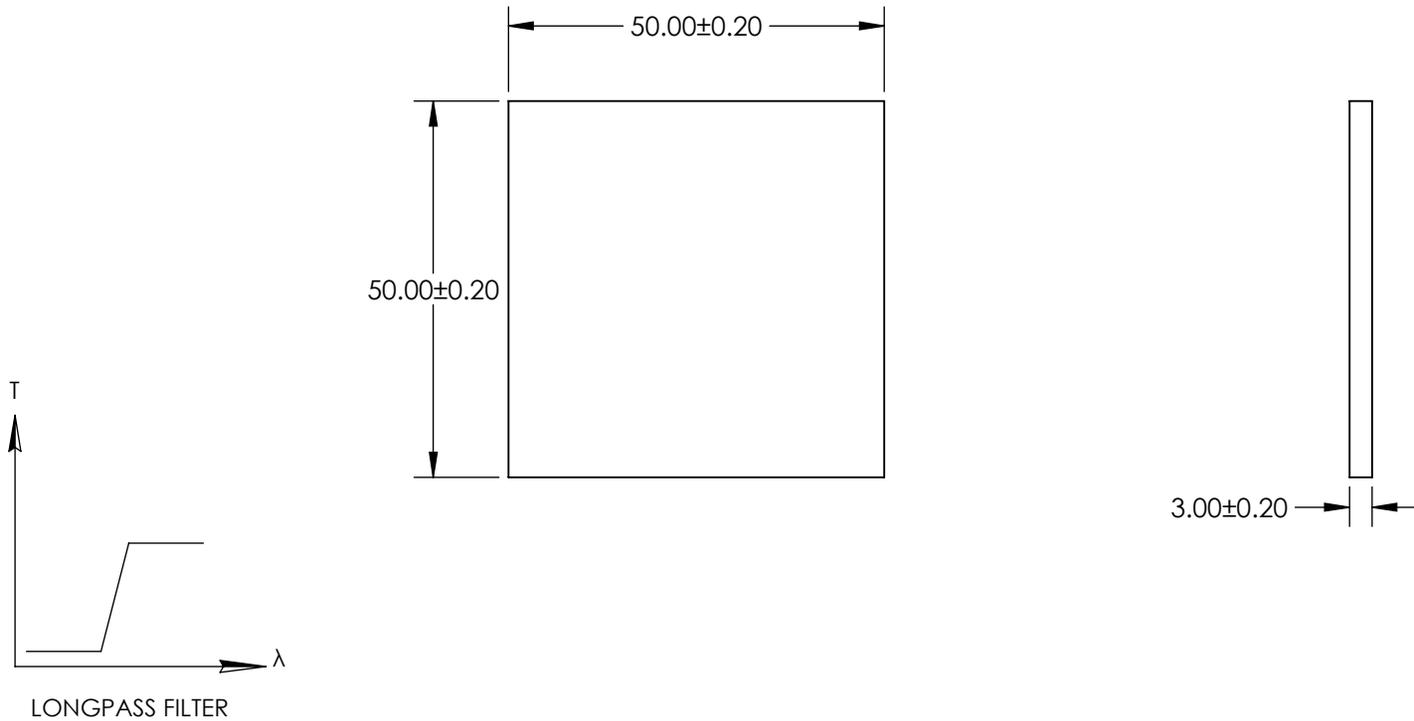
66070

SHEET  
1 OF 1

NOTES:

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

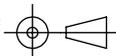
**FOR INFORMATION ONLY:  
DO NOT MANUFACTURE  
PARTS TO THIS DRAWING**



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

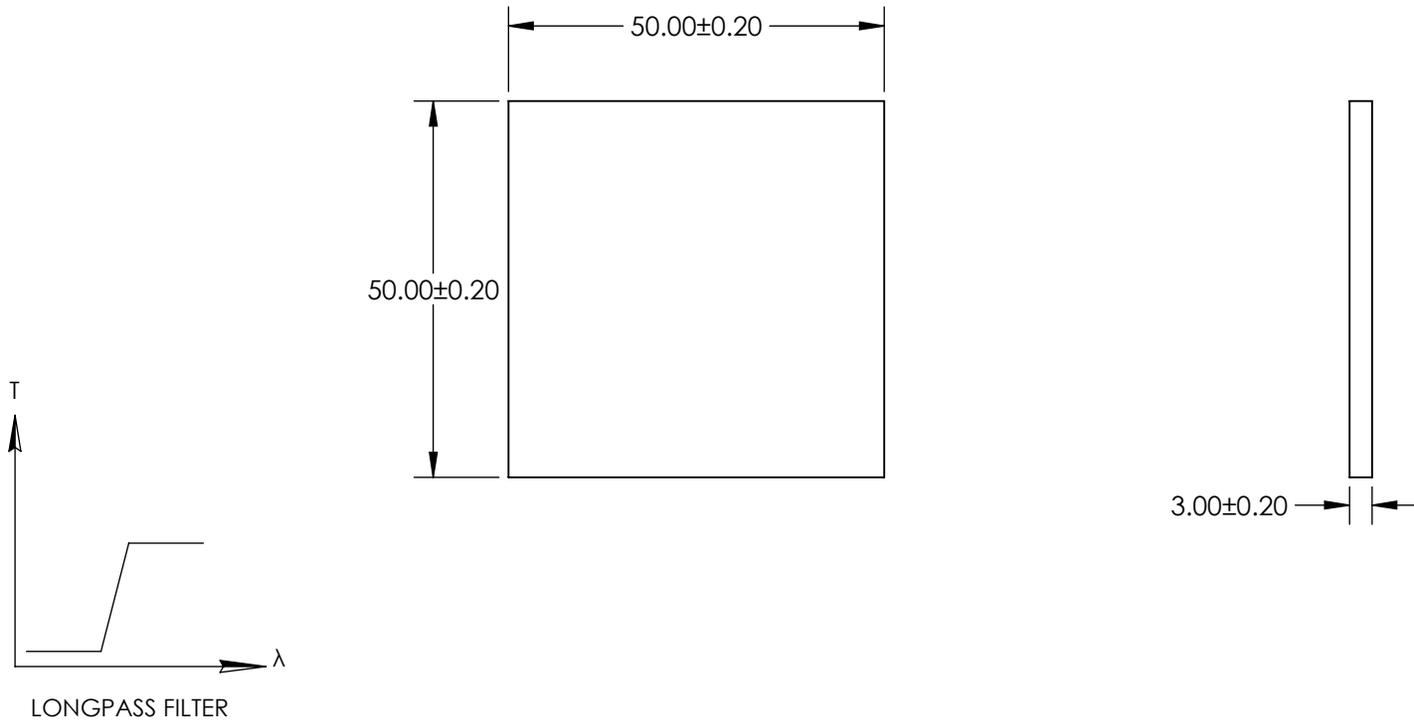
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THIRD ANGLE PROJECTION 	TITLE	SCHOTT RG830 50 x 50mm COLORED LONGPASS FILTER, 3mm THK	
ALL DIMS IN	mm	DWG NO	14537
			SHEET 1 OF 1

NOTES:

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

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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

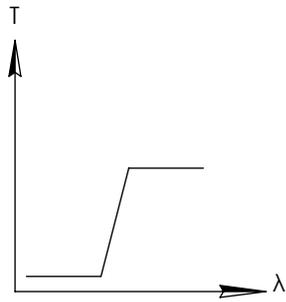
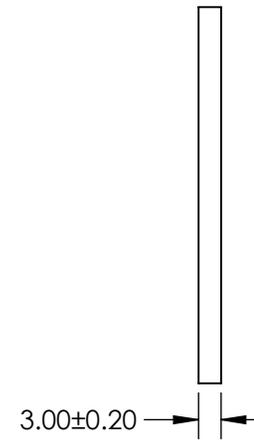
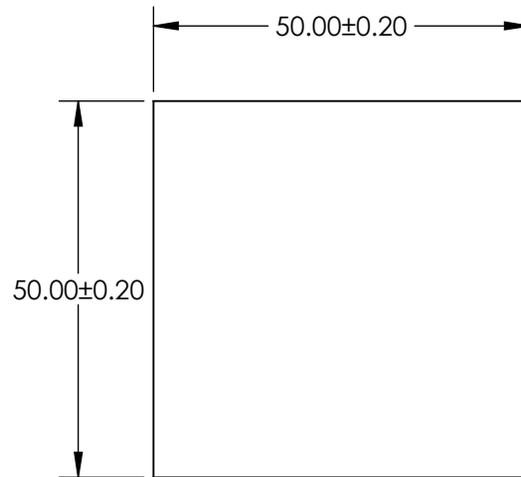
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THIRD ANGLE PROJECTION		TITLE	SCHOTT RG850 50 x 50mm COLORED LONGPASS FILTER, 3mm THK
ALL DIMS IN	mm	DWG NO	14540
			SHEET 1 OF 1

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**



LONGPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE  
DIMENSIONS ARE FOR REFERENCE ONLY

	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

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TITLE

SCHOTT RG1000 50 x 50mm COLORED  
LONGPASS FILTER, 3mm THK

ALL DIMS IN

mm

DWG NO

14543

SHEET  
1 OF 1