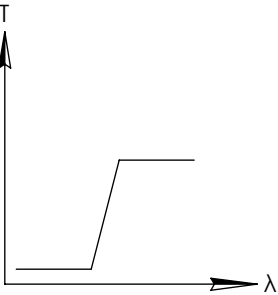
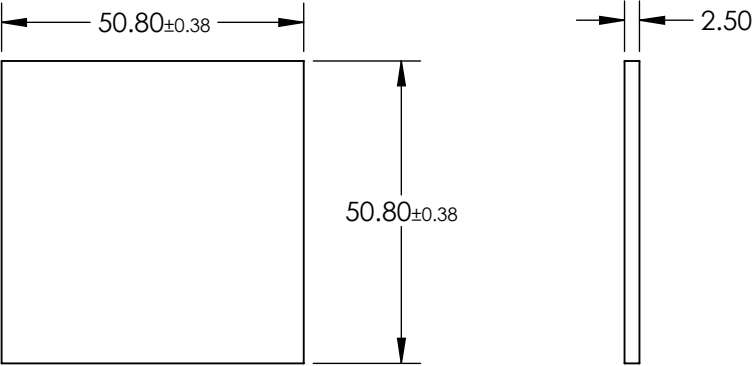
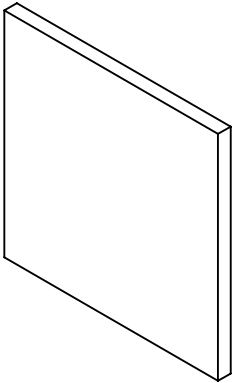


**FOR INFORMATION ONLY:  
DO NOT MANUFACTURE  
PARTS TO THIS DRAWING**



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



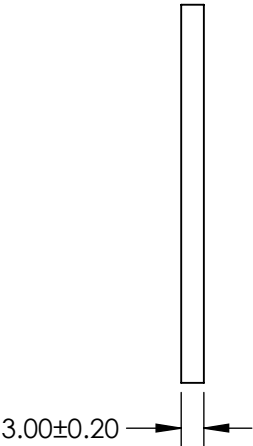
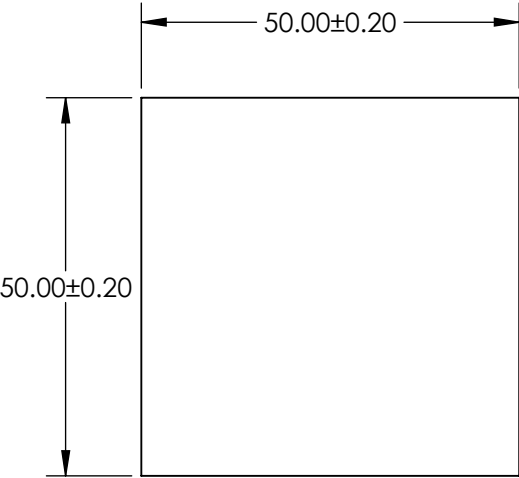
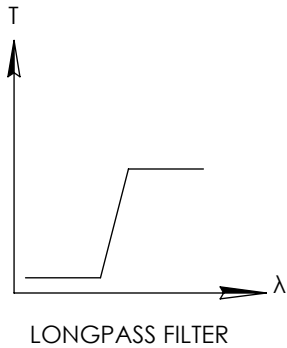
TITLE	50.8 x 50.8mm, HOYA L-37 LONGPASS FILTER		
DWG NO	66060	SHEET 1 OF 1	

ALL DIMS IN mm

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

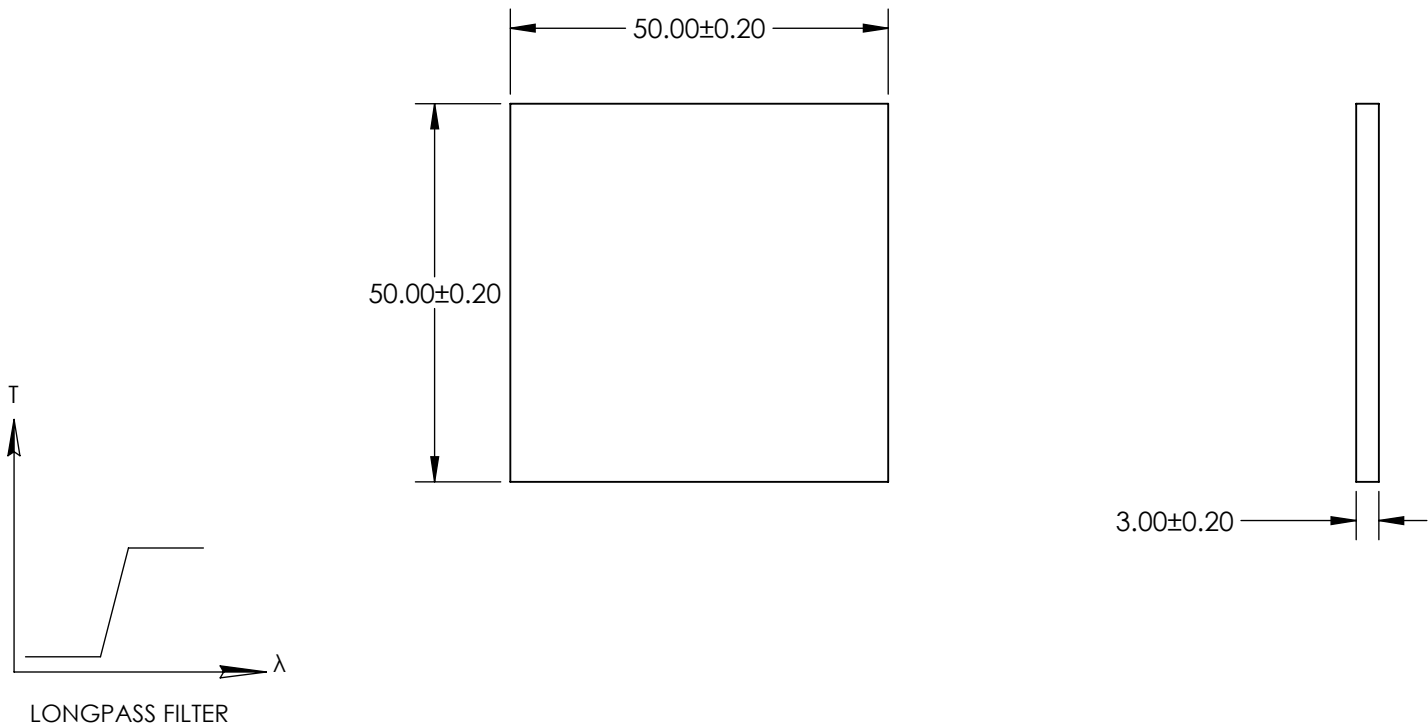
**Edmund Optics®**

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

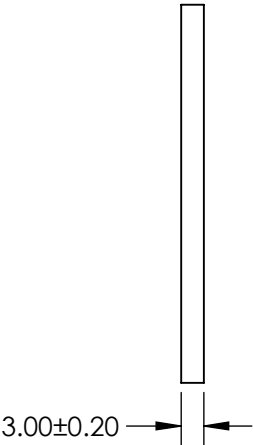
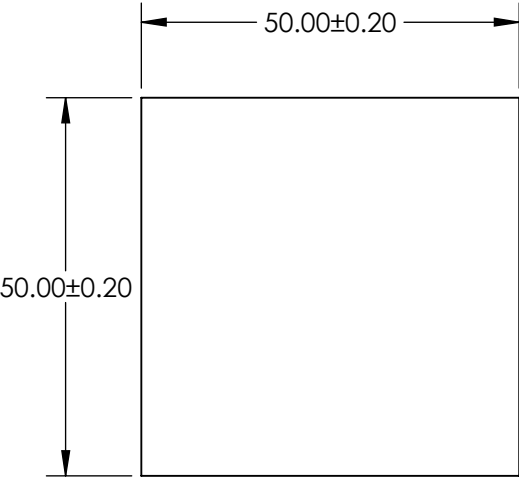
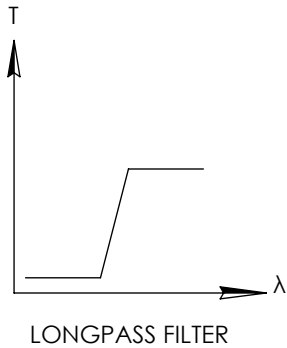


THIRD ANGLE PROJECTION 		TITLE	SCHOTT N-WG305 50 x 50mm COLORED LONGPASS FILTER, 3mm THK	
ALL DIMS IN	mm	DWG NO	14468	SHEET 1 OF 1

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

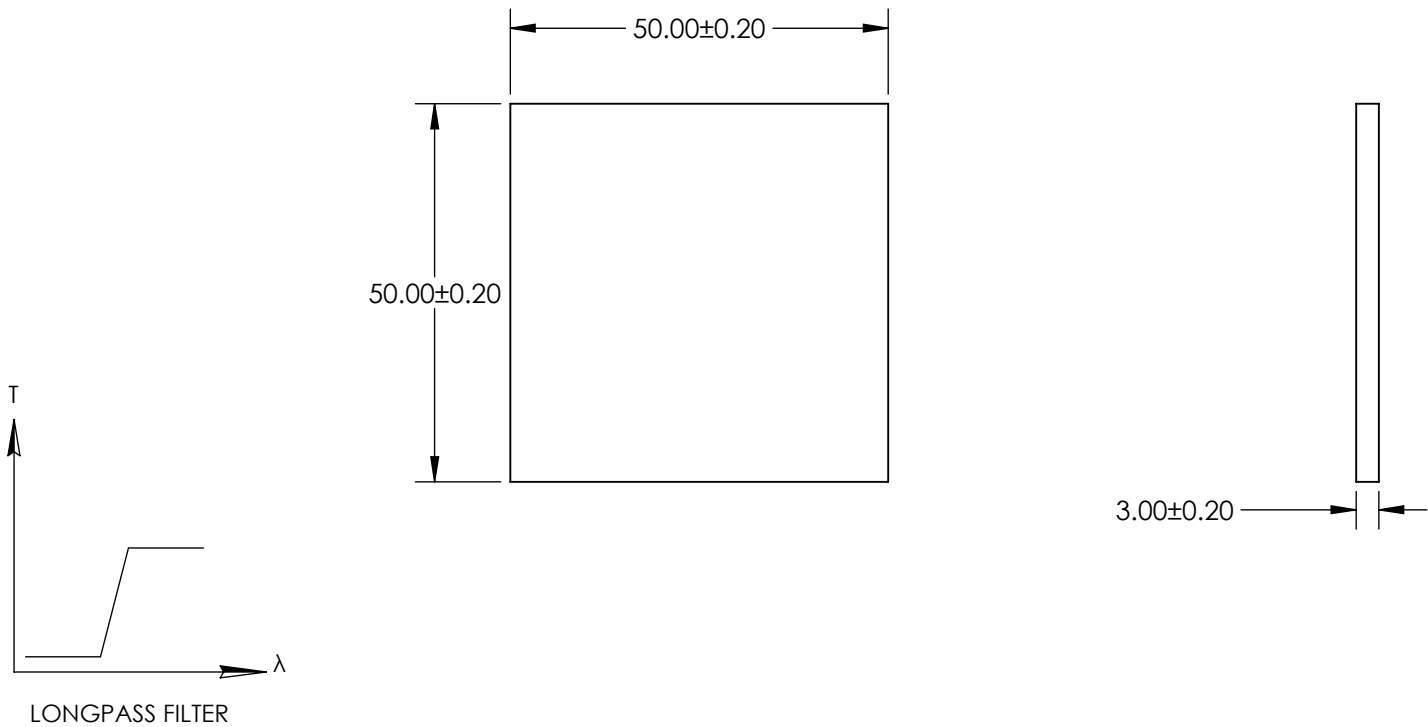
**Edmund Optics®**

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

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

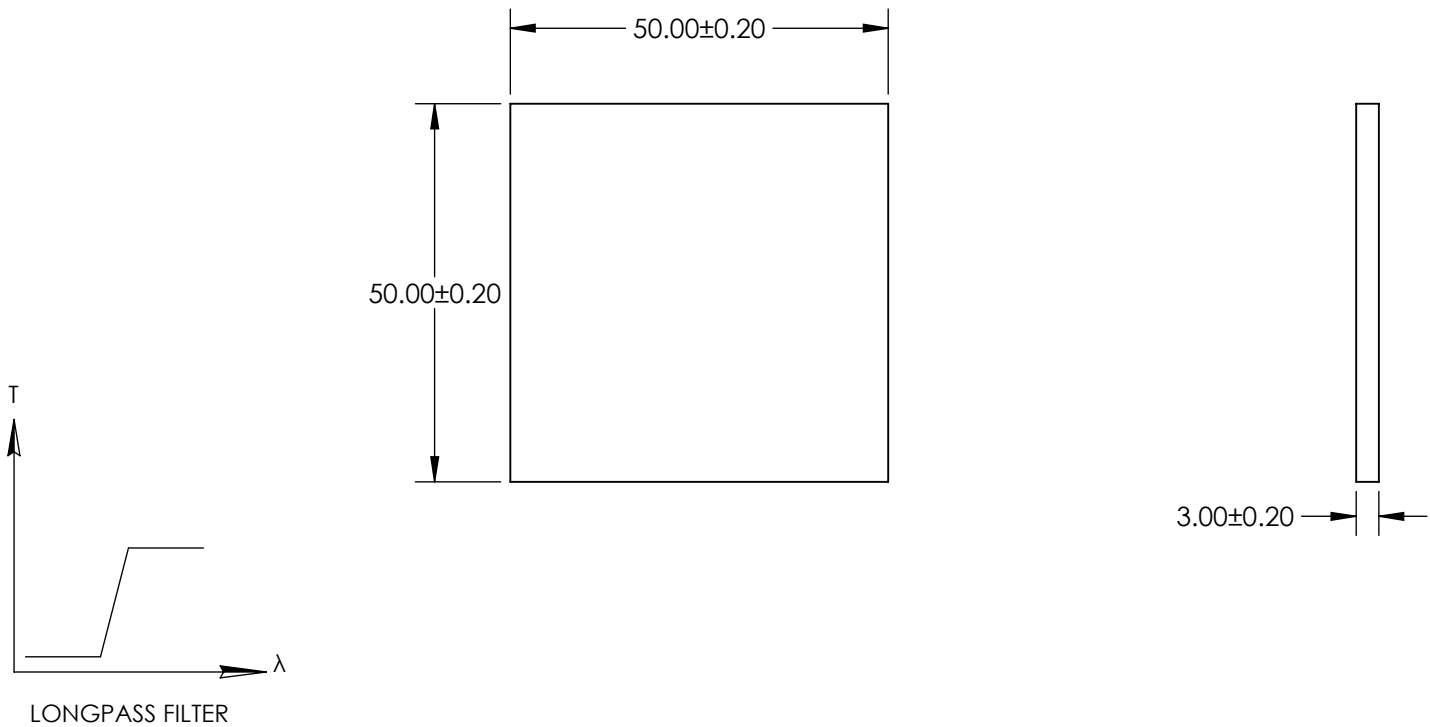


THIRD ANGLE PROJECTION 		TITLE	SCHOTT GG400 50 x 50mm COLORED LONGPASS FILTER, 3mm THK	
ALL DIMS IN	mm	DWG NO	14477	SHEET 1 OF 1

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**



	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

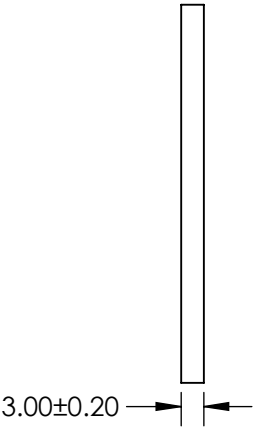
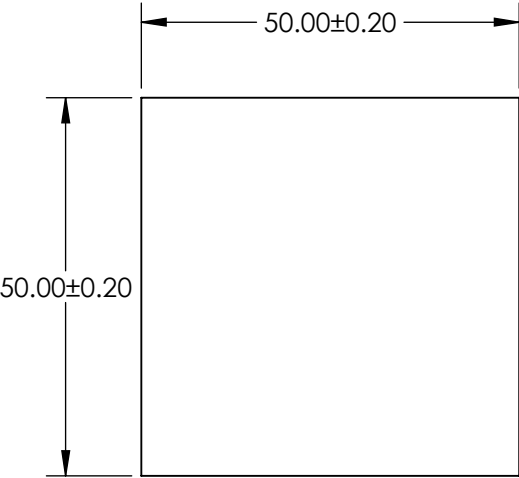
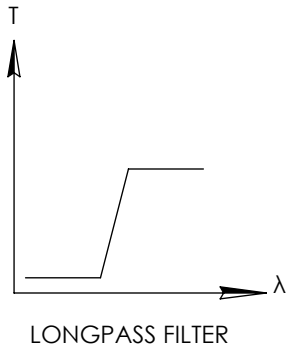
SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE  
DIMENSIONS ARE FOR REFERENCE ONLY

<div><div></div><div>Edmund Optics®</div></div>			
THIRD ANGLE PROJECTION		TITLE	SCHOTT GG420 50 x 50mm COLORED LONGPASS FILTER, 3mm THK
ALL DIMS IN	mm	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

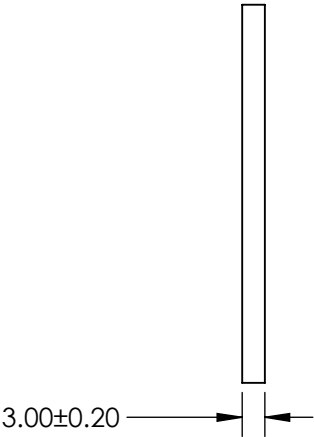
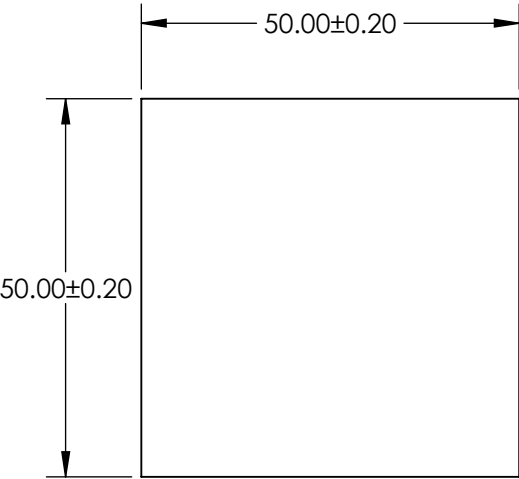
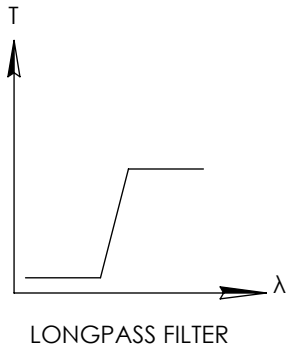
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TITLE	SCHOTT GG435 50 x 50mm COLORED LONGPASS FILTER, 3mm THK		
DWG NO	14483	SHEET 1 OF 1	

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**




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

THIRD ANGLE  
PROJECTION

ALL DIMS IN      mm

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TITLE	SCHOTT GG455 50 x 50mm COLORED LONGPASS FILTER, 3mm THK		
DWG NO	14486	SHEET 1 OF 1	