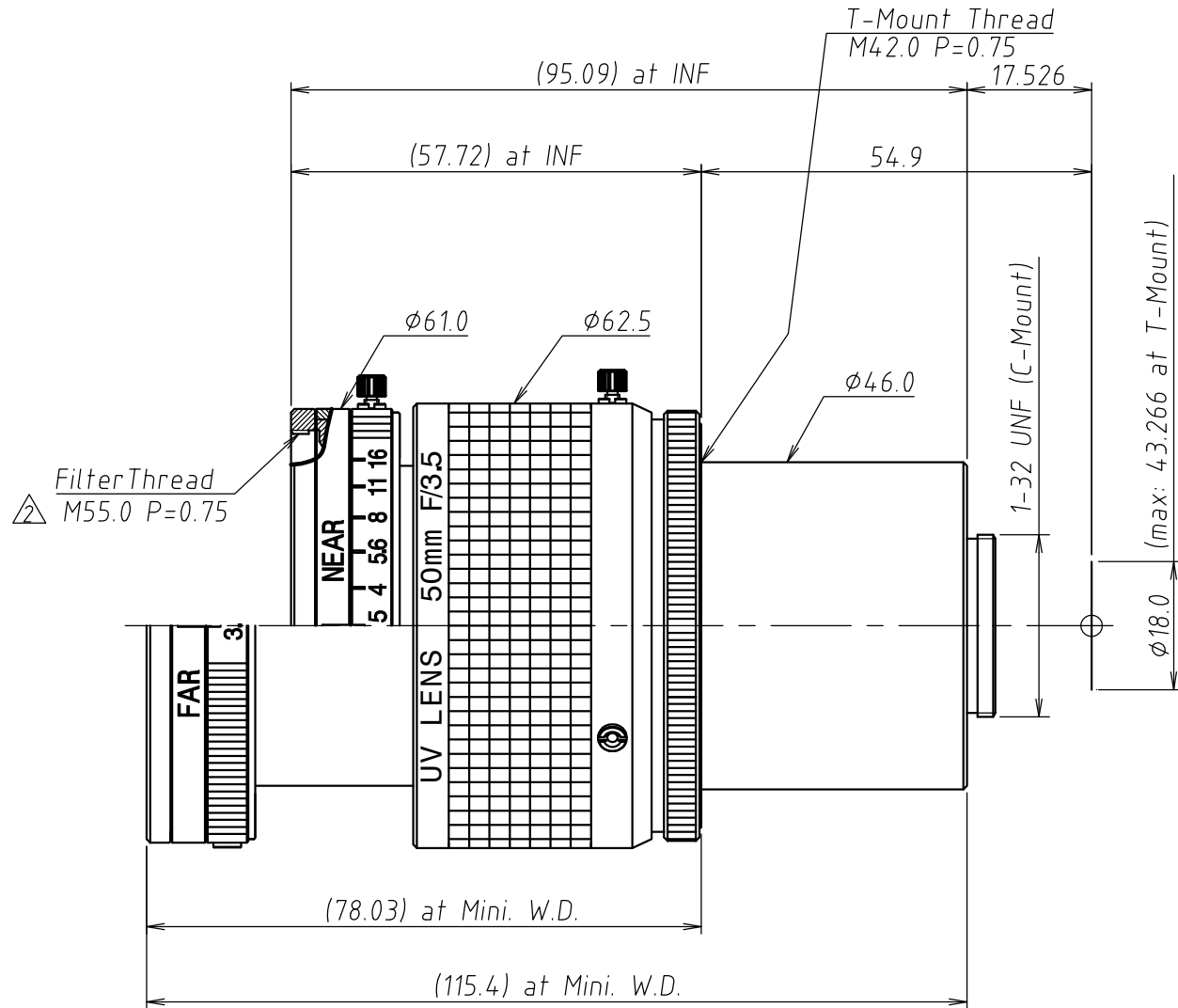


Lens Specification	
Focal length	50.53mm (at $\lambda=250\text{nm}$ )
Back focal length	55.45 mm
Mechanical back	13.53 mm
Aperture ratio	F/3.5 ~ F/16
Image size	$\phi 18.0\text{mm}$ (max $\phi 43.266$ )
Magnification	
Distortion	-0.76 %
Angle of view at INF.	
Vertical	
Horizontal	
Diagonal	20.3 ° (48.4°) $\triangle 1$
Resolution	
Center	
Corner	
Pupil positions	
Entrance pupil	16.48 mm (Front lens)
Exit pupil	-61.27 mm (Image plane)
Principal points	
Object space	25.34 mm (Front lens)
Image space	-50.53 mm (Image plane)
Coating ( $\lambda=250\text{nm}$ )	
All surfaces are antireflection coated. MgF2 single coated.	

Note:

- Mini. Working Dist.  
120.8mm (at  $\lambda=250\text{nm}$ )  
160.4mm (at  $\lambda=300\text{nm}$ )  
191.0mm (at  $\lambda=350\text{nm}$ )  
210.4mm (at  $\lambda=390\text{nm}$ )
- Mount  
C-Mount & T-Mount



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$\triangle 1$			TITLE	50mm F/3.5 UV LENS	DRAWN	M.M.
$\triangle 3$						
$\triangle 1$	04/20/2022	Error correction	P/NO.	UV5035BK	CHECKED	H.K.
$\triangle 1$	07/04/2016	Added Angle at $\phi 43.266$				
	07/28/2014		Mfg.NO.	VH411A-Y01-2	UOI	UV5035BK
					SHEET	1 OF 1
					REV	C