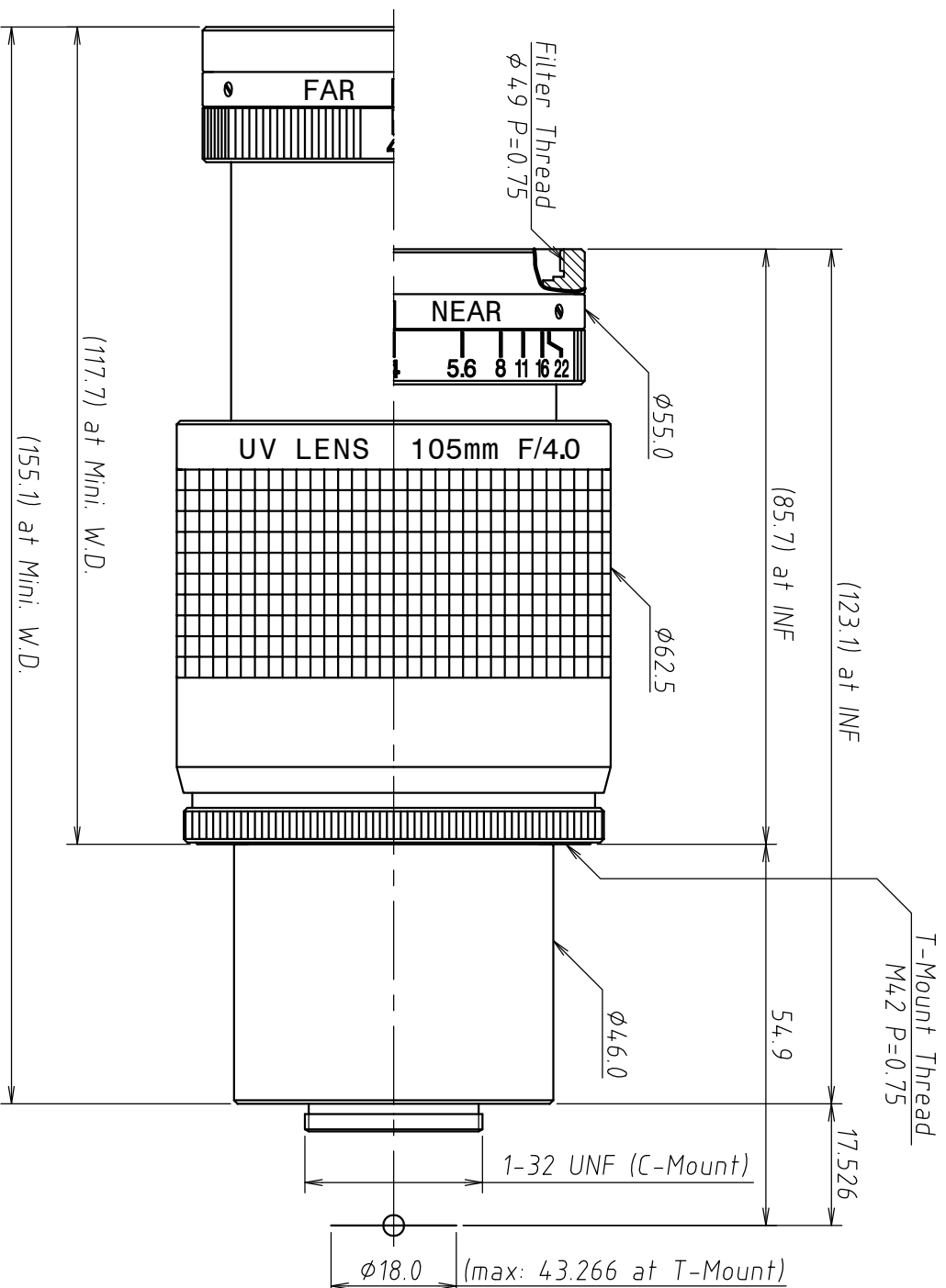



Lens Specification	
Focal length	105.0mm (at $\lambda = 250\text{nm}$)
Back focal length	106.98 mm
Mechanical back	13.53 mm
Aperture ratio	F/4.0 ~ F/22
Image size	$\phi 18.0\text{mm}$ (max $\phi 43.266$)
Magnification	-0.11 %
Distortion	
Angle of view at INF.	
Vertical	
Horizontal	
Diagonal	9.8 °
Resolution	
Center	
Corner	
Pupil positions	
Entrance pupil	15.71 mm (Front lens)
Exit pupil	-114.49 mm (Image plane)
Principal points	
Object space	24.42 mm (Front lens)
Image space	-105.0 mm (Image plane)
Coating	($\lambda = 250\text{nm}$)
All surfaces are antireflection coated. MgF ₂ single coated.	

Note:

- Mini Working Dist
 416.5mm (at $\lambda = 250\text{nm}$)
 527.5mm (at $\lambda = 300\text{nm}$)
 615.8mm (at $\lambda = 350\text{nm}$)
 673.1mm (at $\lambda = 390\text{nm}$)
- Mount
 C-Mount & T-Mount
- Aperture Size
 Front lens : $\phi 27.0$
 Rear lens : $\phi 27.0$



Δ		
Δ		
Δ	03/24/2016	Added Aperture Size
Δ	07/28/2014	

		UNIVERSE KOGAKU (AMERICA), INC. 116 Audrey Avenue, Oyster Bay, New York 11771 Phone: (516)624-2444/Fax: (516)624-3109	
TITLE	105mm F/4 UV LENS	P/NO.	UV1054B
Mfg. NO.	VCT780A-Y01-1	U01	UV1054B
SHEET	1 OF 1	REV	B
DRAWN	M.M.	CHECKED	H.K.