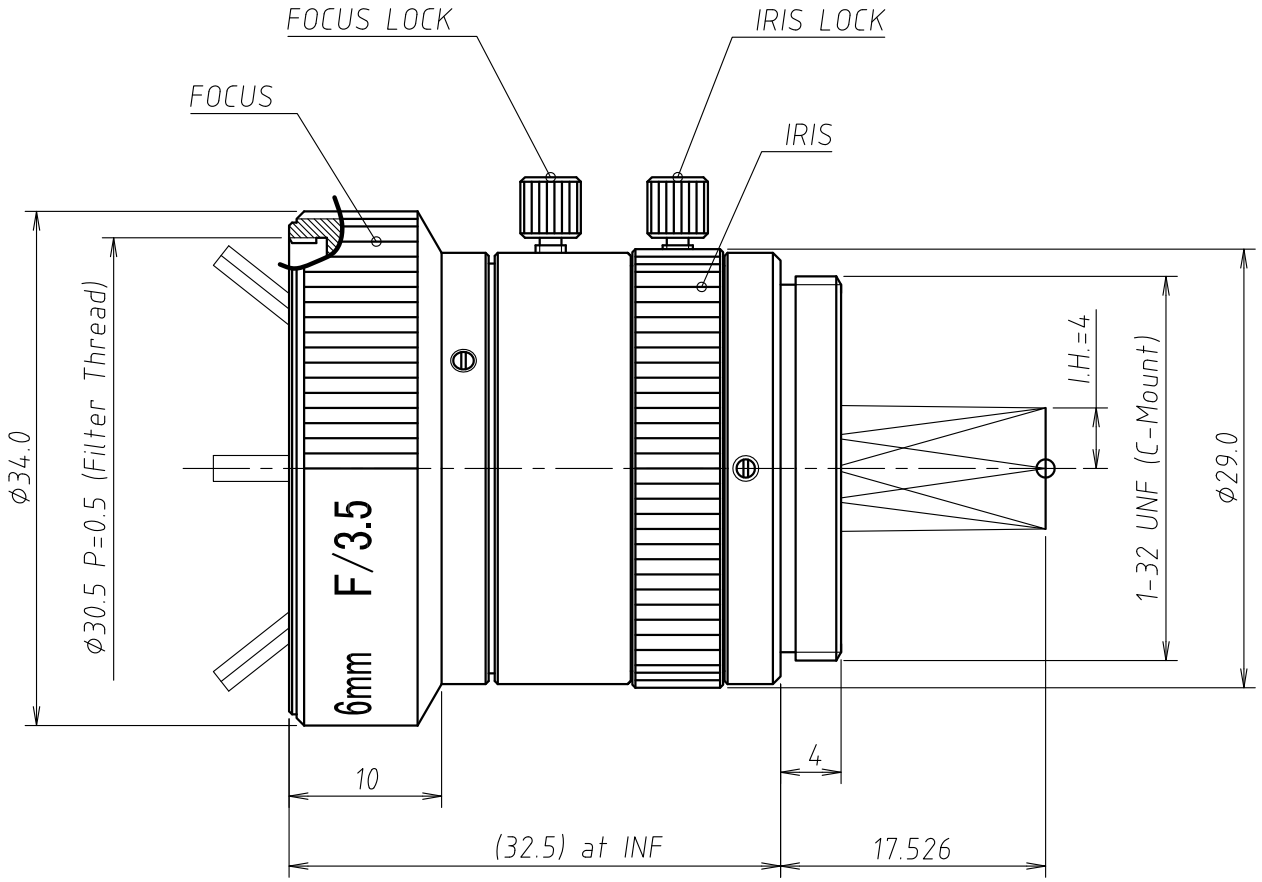
Lens Specification	
Focal length	6.01 mm (at λ=300nm)
Back focal length	14.00 mm
Mechanical back	13.53 mm
Aperture ratio	F/3.5 ~ F/16
Image size	1/2" (4.8mm x 6.4mm)
Magnification	
Distortion	-15.9 %
Angle of view at INF.	
Vertical	45.8 °
Horizontal	61.1 °
Diagonal	76.6 °
Resolution	
Center	
Corner	
Pupil positions	
Entrance pupil	8.58 mm (Front lens)
Exit pupil	-29.49 mm (Image plane)
Principal points	
Object space	13.36 mm (Front lens)
Image space	-6.01 mm (Image plane)
Coating	(λ=300nm)
All surfaces are antireflection coated. MgF2 single coated.	

Note:

1. Mini. Working Dist.
   2.1mm (at λ=250nm)
   10.7mm (at λ=300nm)
   21.5mm (at λ=350nm)
   32.1mm (at λ=390nm)



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4			TITLE 6mm F/3.5 UV LENS			DRAWN M.M.
3						
2			P/NO. UV0635BCM			CHECKED H.K.
1						
	07/28/2014		Mfg.NO. VH637A-Y01-0	UOI UV0635BCM	SHEET 1 OF 1	REV A