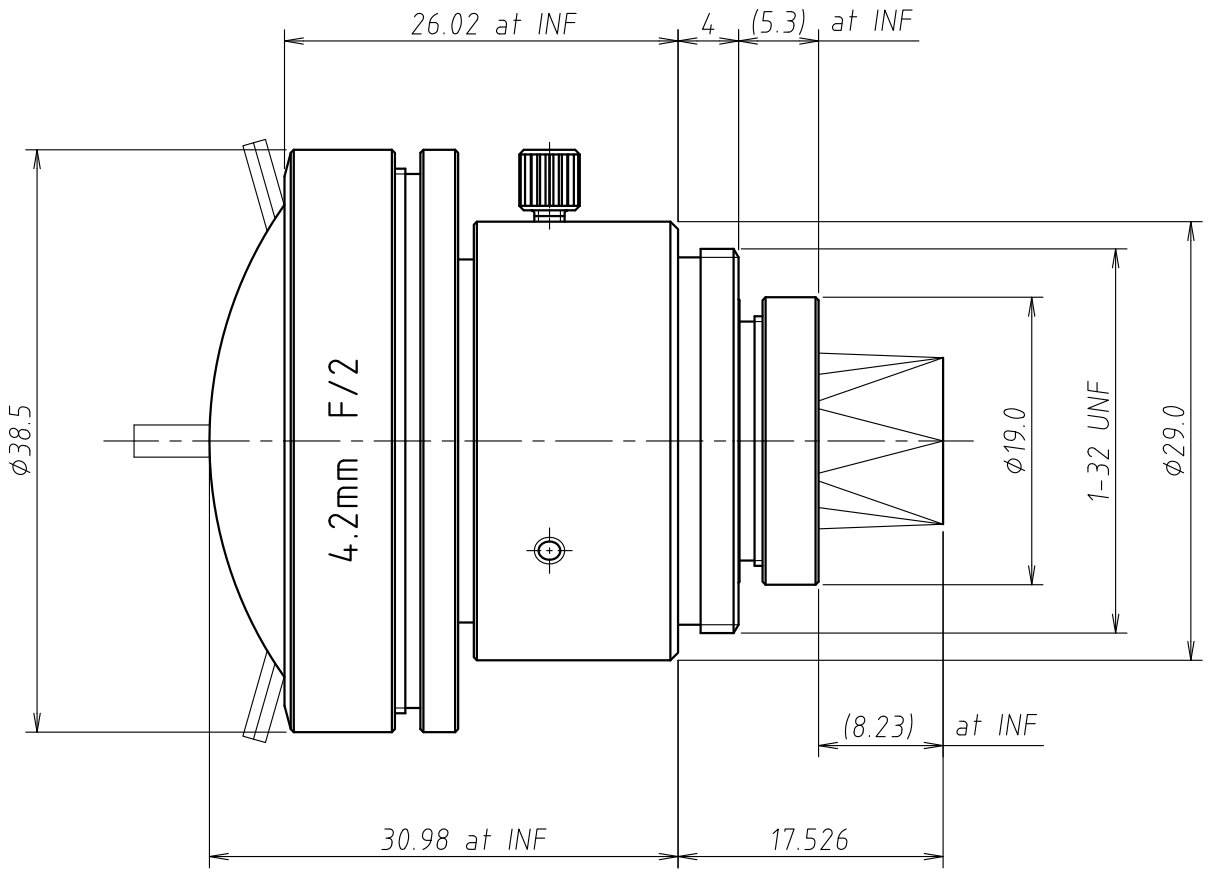
Lens Specification	
Focal length	4.26 mm
Back focal length	9.21 mm
Mechanical back	8.23 mm (at INF)
Aperture ratio	F/2.0
Image size	2/3" (6.6mm x8.8mm)
Magnification	-
Distortion (fθ)	-0.16 %
Angle of view at INF.	
Vertical	88.9 °
Horizontal	118.5 °
Diagonal	148.1 °
Resolution	
Center	160 LP/mm
Corner	80 LP/mm
Pupil positions	
Entrance pupil	10.79 mm (Front lens)
Exit pupil	-53.1 mm (Image plane)
Principal points	
Object space	14.71 mm (Front lens)
Image space	-4.24 mm (Image plane)
Coating (λ=510nm)	
All surfaces are antireflection coated. MgF2 single coated.	

Specifications above are design specifications.

Note:

1. This lens was designed with an fθ distortion to allow for easier image processing.
2. When distortion is calculated as a function of f• tanθ distortion is -63%.



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4			TITLE: 4.2mm F/2 C-Mount High Resolution Lens for 2/3"			DRAWN: M.M
3						
2			P/NO.: GA401		SCALE: 2/1	CHECKED: H.K
1						
	01/30/2019		Mfg.NO. GA401A-Y01-0	UOI GA401	SHEET 1 OF 1	REV A