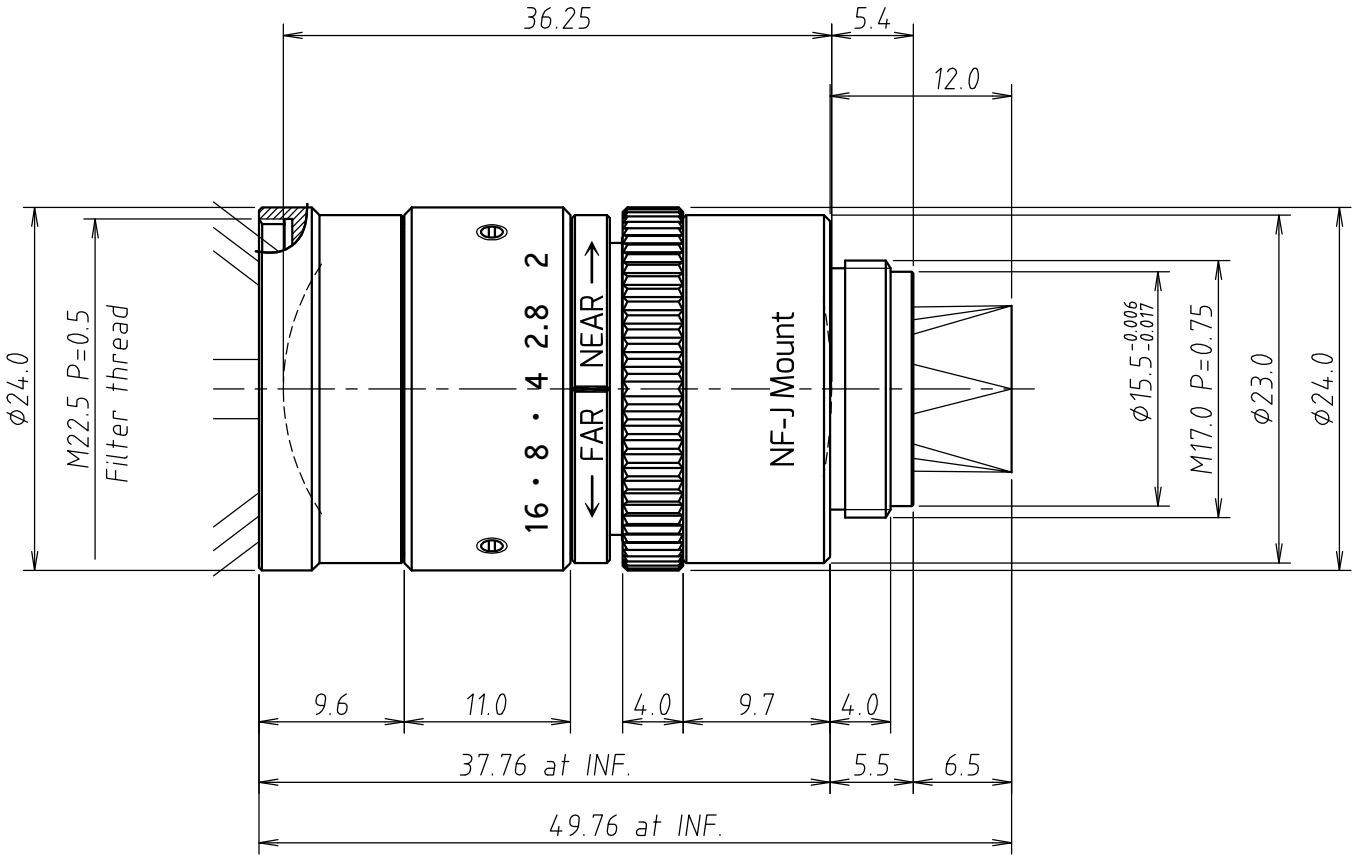
Lens Specification	
Focal length	8.0mm±5%
Back focal length	11.9mm±5%
Mechanical back	6.5mm
Aperture ratio	F/2.0～F/16
Image size	2/3"(6.6X8.8)
Magnification	-
Distortion	-9.3%
Angle of view at INF.	
Vertical	46.3°
Horizontal	60.8°
Diagonal	74.3°
Resolution	W.D.=200mm
Center	200LP/mm
Corner	125LP/mm
Pupil positions	
Entrance pupil	9.34mm (Front lens)
Exit pupil	-39.16mm (Image plane)
Principal points	
Object space	15.71mm (Front lens)
Image space	-7.99mm (Image plane)
Coating	
All surfaces are antireflection coated.	

Specifications above are design specifications.

Note:



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4			TITLE 8.0mm F/2.0 LENS W/NF-J-Mount 5Megapixel			DRAWN S.I.
3						
2			P/NO. BL080		SCALE 2:1	CHECKED I.S.
1	04/15/2021	Changed F/2→F/2～F16				
	06/05/2019		Mfg.NO. BL080A-Y03-1	UOI BL080A	SHEET 1 OF 1	REV B