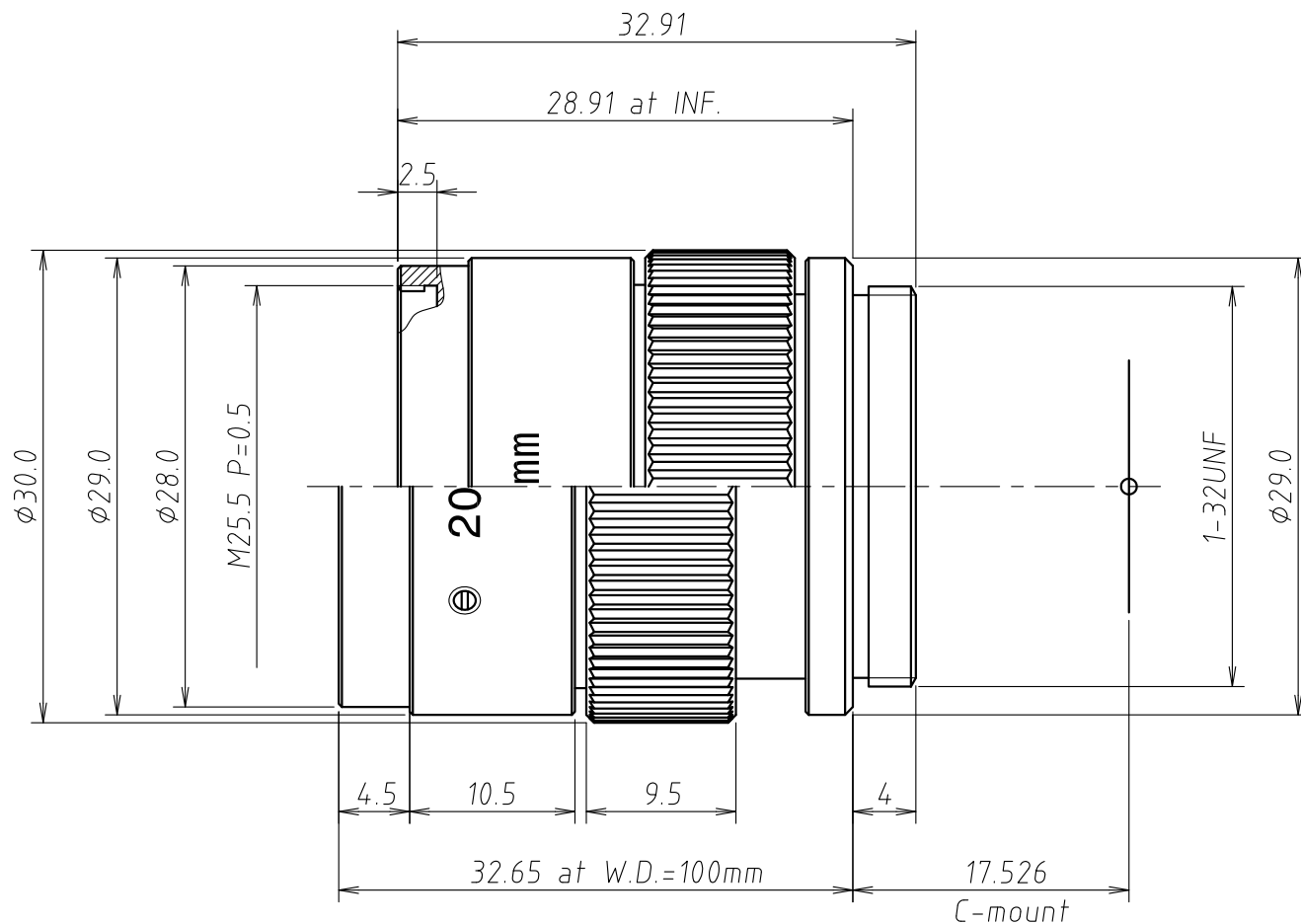


Lens Specification	
Focal length	20.0mm±5%
Back focal length	14.80mm±0.3mm at INF
Mechanical back	-
Aperture ratio	F/2.0 ±5%
Image size	1" (9.6mm×12.8mm)
Magnification	-
Distortion	-2.3%
Angle of view at INF.	
Vertical	27.2°
Horizontal	36.0°
Diagonal	44.5°
Resolution	
Center	125LP/mm
Corner(70%)	63LP/mm
Pupil positions	
Entrance pupil	16.88mm (Front lens)
Exit pupil	-34.50mm (Image plane)
Principal points	
Object space	25.17mm (Front lens)
Image space	-20.37mm (Image plane)
Coating (λ =510nm)	
All surfaces are antireflection coated. MgF2 single coated.	

Angle of view at INF.			
Image size	2/3" (6.6X8.8)	1/2" (4.8X6.4)	1/3" (3.6X4.8)
Vertical	18.8°	13.7°	10.3°
Horizontal	25.0°	18.3°	13.7°
Diagonal	31.1°	22.8°	17.1°

Note:

The resolution stated above indicates the resolution at W.D.1000mm by design



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④		TITLE	20mm F/2.0 1" HIGH RESOLUTION LENS W/C-MOUNT	DRAWN	M.M.
③		P/N0.	VX700	CHECKED	H.K.
②		Mfg.NO.	VX700A-Y01-0	UOI	VX700
①	01/18/2019			SHEET	1 OF 1
				REV	A