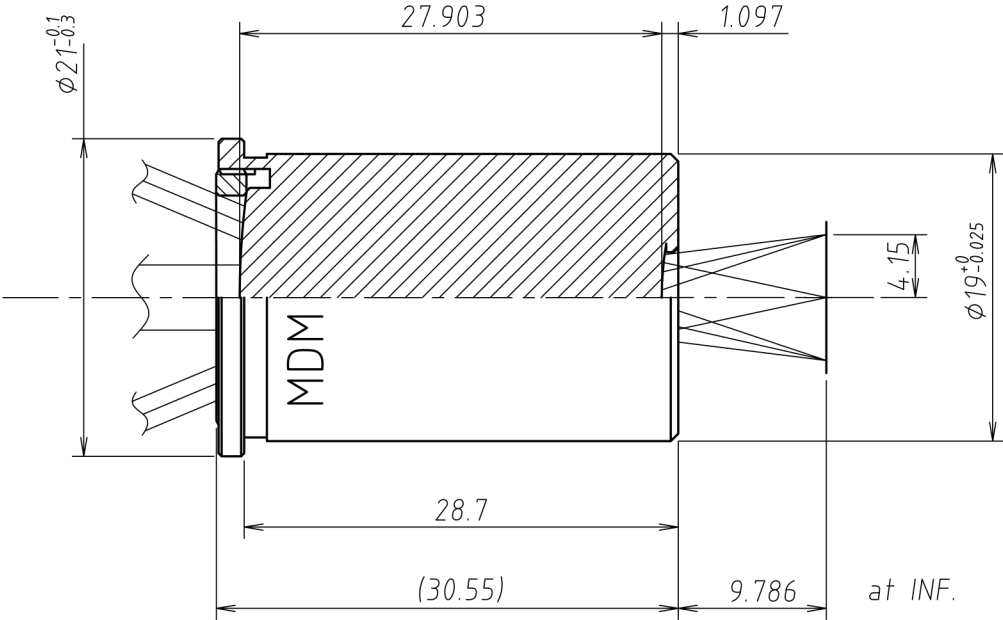


Lens Specification	
Focal length	10.290mm±5%
Back focal length	10.883mm±5%
Mechanical back	9.786mm±0.5mm
Aperture ratio	F/2.4 ±5%
Image size	4.6mmX6.91mm
Magnification	-
Distortion	-3.63%
Angle of view at INF.	
Vertical	25.6°
Horizontal	38.2°
Diagonal	45.6°
Resolution	
Center	120LP/mm
Corner	63LP/mm
Pupil positions	
Entrance pupil	12.477mm (Front lens)
Exit pupil	-17.381mm (Image plane)
Principal points	
Object space	16.703mm (Front lens)
Image space	-10.290mm (Image plane)
Coating (λ =546nm)	
All surfaces are antireflection coated. MgF2 single coated.	

Angle of view at INF.			
Image size	1/2" (4.8X6.4)	1/3" (3.6X4.8)	1/4" (2.7X3.6)
Vertical	26.7°	20.1°	15.1°
Horizontal	35.4°	26.7°	20.1°
Diagonal	44.0°	33.2°	25.0°

Note:



			UNIVERSE UNIVERSE KOGAKU(AMERICA), INC. 116 Audrey Avenue, Oyster Bay, New York 11771 Phone: (516)624-2444/Fax: (516)624-3109		
			TITLE 10mm F/2.4 HIGH RESOLUTION LENS		
			P/NO. M-10		
			Mfg.NO. KA100A-Y01-0 SHEET 1 OF 1 REV A		