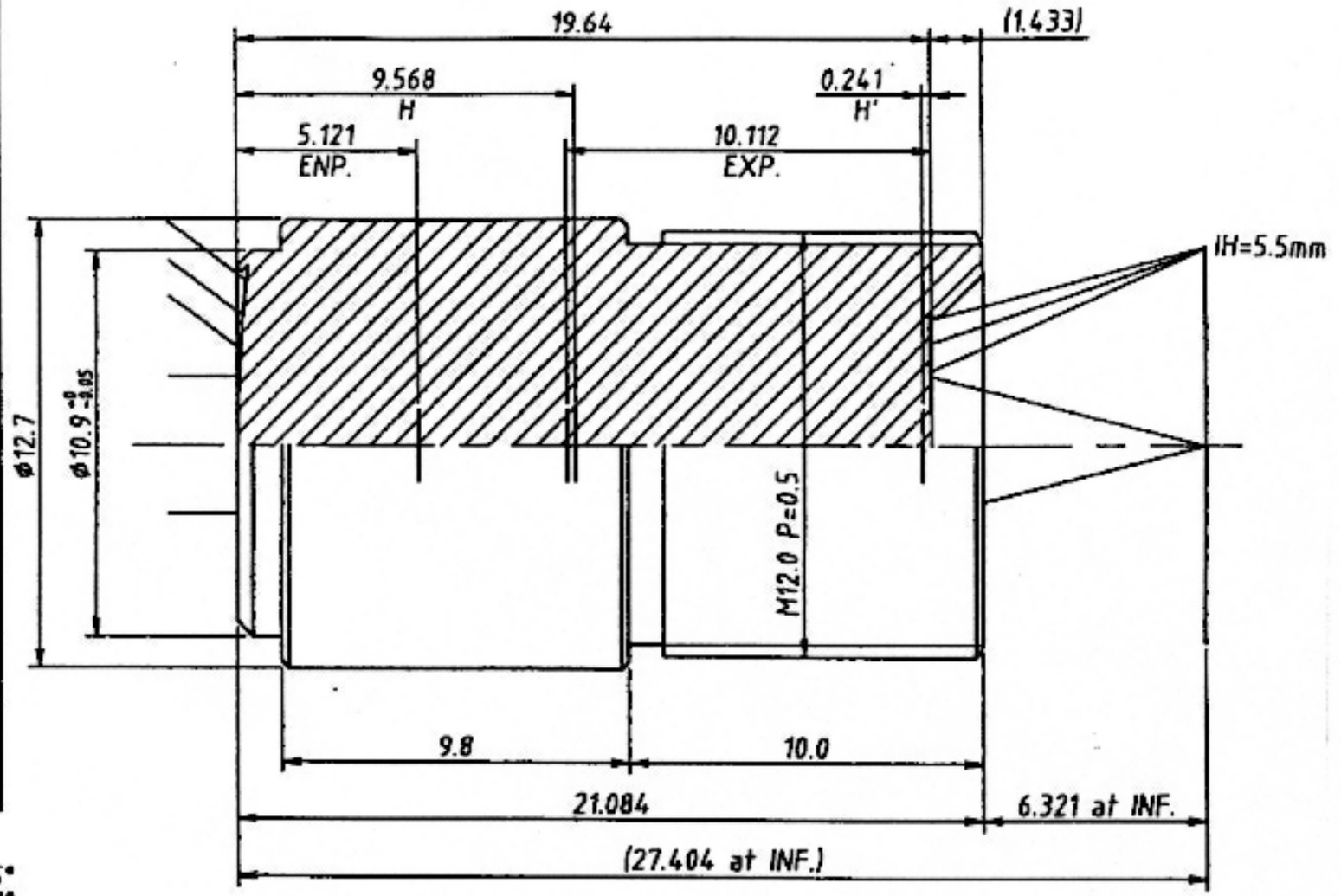
Lens Specification	
Focal length	7.995mm±5%
Back focal length	7.754mm±5%
Mechanical back	6.321mm±0.3mm
Aperture ratio	F/2.0 ±5%
Image size	2/3"CCD (6.6X8.8)
Magnification	-
Distortion	-5.51%
Angle of view at INF.	
Vertical	45.7°
Horizontal	59.5°
Diagonal	72.0°
Resolution	
Center	80LP/mm
Corner	20LP/mm
Pupil positions from the lens surface.	
Entrance pupil	5.121mm (Front lens)
Exit pupil	-17.866mm (Image plane)
Principal points from the lens surface.	
Object space	9.568mm (Front lens)
Image space	-7.995mm (Image plane)
Coating	(λ=546nm)
All surfaces are antireflection coated. MgF2 single coated.	

1/2"CCD (4.8X6.4)
Vertical : 33.7°
Horizontal : 44.4°
Diagonal : 54.6°

1/3"CCD (3.6X4.8)
Vertical : 25.5°
Horizontal : 33.7°
Diagonal : 41.8°



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UNIVERSE KOGAKU (AMERICA), INC.
116 Audrey Avenue, Oyster Bay, New York 11771
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TITLE: 8mm F/2.0 CCD LENS

P/NO.: VM-820

Mfg. NO.

SHEET 1 OF 1

REV A