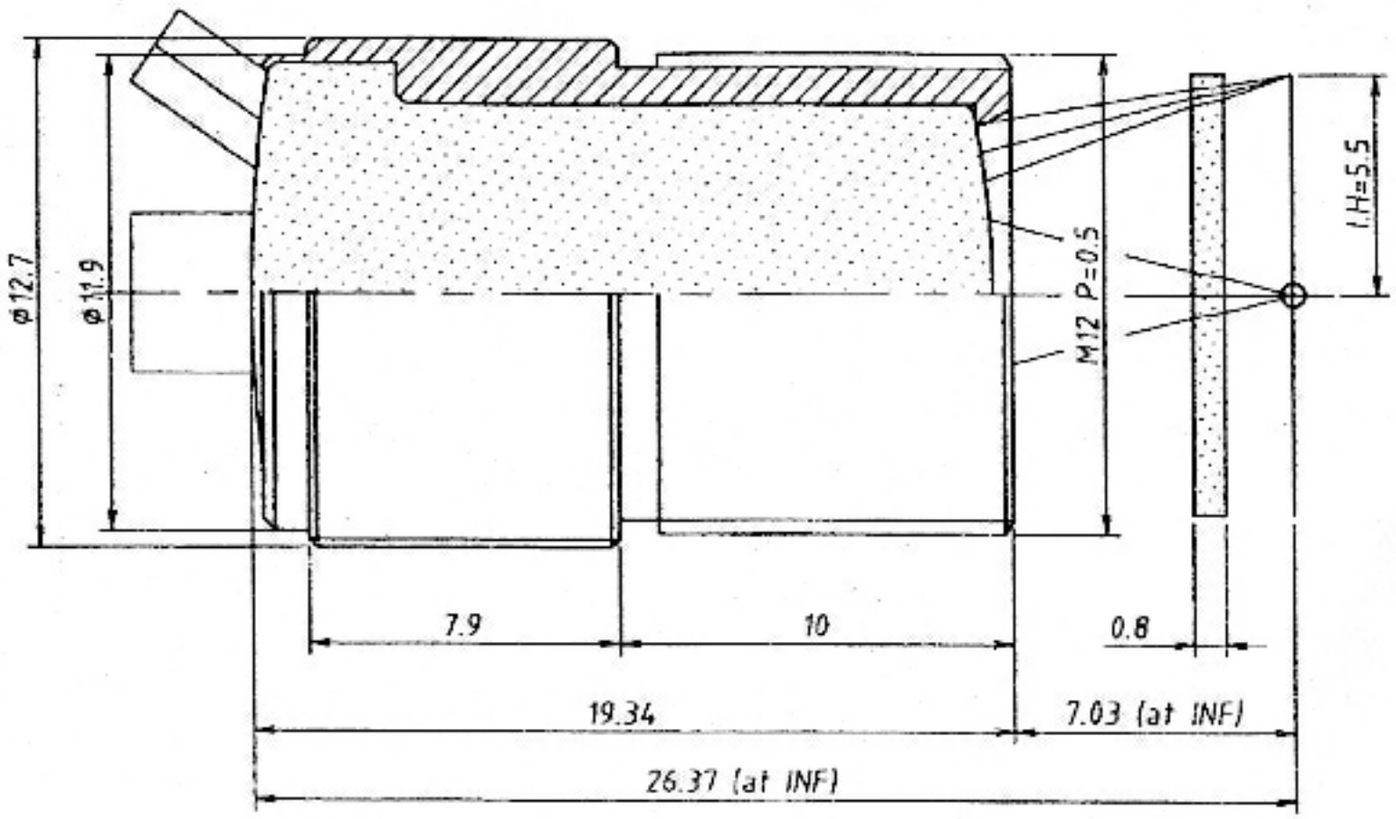
Lens Specification	
Focal length	8.04mm ±5%
Back focal length	7.25mm ±5%
Mechanical back	7.03mm ±5%
Aperture ratio	F/2.0 ±5%
Image size	2/3" (6.6mm×8.8mm)
Magnification	-
Distortion	-2.2 % (max)
Angle of view at INF.	
Vertical	45.1 °
Horizontal	58.4 °
Diagonal	69.8 °
Resolution	
Center	120 LP/mm
Corner	30 LP/mm
Pupil positions from the lens surface.	
Entrance pupil	6.08mm (Front lens)
Exit pupil	-18.81mm (Image plane)
Principal points from the lens surface.	
Object space	10.69mm (Front lens)
Image space	-8.04mm (Image plane)
Coating	(λ =546nm)
All surfaces are antireflection coated. MgF2 single coated.	

Rel.Illumination : 33%



	1/2"CCD(4.8×6.4)	1/3"CCD(3.6×4.8)
Angle of view		
Vertical:	33.5°	25.3°
Horizontal:	43.9°	33.5°
Diagonal:	53.7°	41.4°
OPT.Distortion:	-1.9%	-1.2%
Rel.Illumination:	76%	87%

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	06/18/07	

TITLE: 8.0mm F/2.0 CCD LENS

P/NO.: VH820

Mfg. NO.

SHEET 1 OF 1 | REV A